

# Movavi Video Suite

## User's Manual

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**Movavi Video Suite** is the set of **Movavi** programs simplifying your work with video, audio, photos or media data!

To convert video or audio files, please refer to the [Video Converter](#) chapter of this manual.

To edit your 2D or 3D video, create slideshows, apply effects or capture video or audio from DV, HD, HDV cameras and TV-tuners, refer to the [Video Editor](#) chapter of this manual.

To capture your actions, game or video from your screen, refer to the [Screen Capture](#) chapter of this manual.

**Movavi Video Suite** User Interface consists of four sections: **Video**, **Audio**, **Data** and **Photo**. Each section (tab) contains the options to work with specific data type. These tabs are described in the following chapters of this manual.

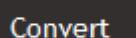


## 1 Video tab



This tab contains options for working with video

## 2 Convert option



Opens the **Video Converter** window.

## 3 Split option



Opens the **Split Video** window.

## 4 Edit option



Opens the **Video Editor** window.

## 5 Capture Video option



Opens the **Capture Video** window.

6 **Capture Screen option**

Screen

Opens the **Screen Capture** window.

7 **Capture VHS and TV option**

VHS and TV

Opens the **VHS and TV Capture** window.

8 **Create DVD option**

DVD

Opens the **Create CD/DVD** window with **DVD** mode selected.

9 **Create AVCHD DVD option**

AVCHD DVD

Opens the **Create CD/DVD** window with **AVCHD** mode selected.

10 **Create Blu-ray Disc option**

Blu-ray Disc

Opens the **Create CD/DVD** window with **Blu-ray Video** mode selected.

11 **Convert 2D to 3D option**

Convert 2D to 3D

Opens the **Video Converter** window.

12 **Play 2D and 3D option**

Play 2D and 3D

Opens the **2D and 3D Preview** window.

13 **Share Online option**

Share

Opens the **Share Video and Photos** window.

14 **Activation button**

Activate

This button is visible in case you use the trial version of the program. By clicking on this button, you can activate the program using your activation key.

15 **Buy Now button**

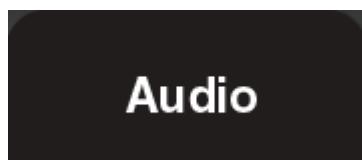


Buy Now

This button is visible in case you use the trial version of the program. By clicking on this button, you can purchase the full license of the program on **Movavi** website.



## 1 Audio tab



This tab contains options for working with audio.

## 2 Convert option



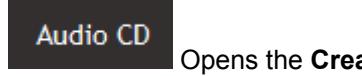
Opens the **Video Converter** window.

## 3 Capture Audio option



Opens the **Capture Audio** window.

## 4 Create Audio CD option



Opens the **Create CD/DVD** window in the **Audio CD** mode.

5 **Create MP3 CD option**

**MP3 CD**

Opens the **Create CD/DVD** window in the **MP3 CD** mode.

6 **Playback option**

**Playback**

Opens the **Audio Player** window.

7 **Activation button**

**Activate**

This button is visible in case you use the trial version of the program. By clicking on this button, you can activate the program using your activation key.

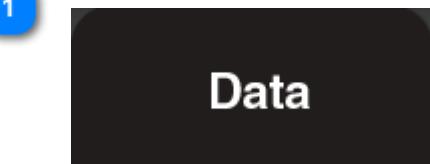
8 **Buy Now button**

**Buy Now**

This button is visible in case you use the trial version of the program. By clicking on this button, you can purchase the full license of the program on **Movavi** website.



## 1 Data tab



This tab contains options for working with data.

## 2 Burn Disc option

**Disc**

Opens the **Burn CD/DVD** window.

## 3 Burn Image to Disc option

**Image to Disc**

Opens the **Create CD/DVD** window with Burn Image to Disc mode selected.

## 4 Archive AVCHD Video option

**AVCHD Video**

Opens the **Capture Video** window.

## 5 Copy Disc to Disc option

**Disc to Disc**

Opens the **Create CD/DVD** window with the **Disc Copy** option enabled.

6 **Copy Disc to Hard Drive option**

**Disc to Hard Drive**

Opens the **Create CD/DVD** window.

7 **Activation button**

**Activate**

This button is visible in case you use the trial version of the program. By clicking on this button, you can activate the program using your activation key.

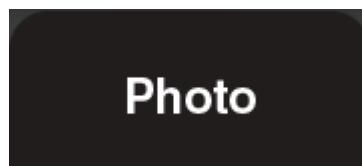
8 **Buy Now button**

**Buy Now**

This button is visible in case you use the trial version of the program. By clicking on this button, you can purchase the full license of the program on **Movavi** website.



## 1 Photo tab



This tab contains options for working with photo.

## 2 Create Slideshows option



Opens the **Video Editor** window where you can create slideshows from your photos.

## 3 Share Online option



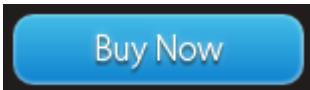
Opens the **Share Video and Photos** window.

## 4 Activation button



This button is visible in case you use the trial version of the program. By clicking on this button, you can activate the program using your activation key.

5 **Buy Now button**

A blue rounded rectangular button with the text "Buy Now" in white.

This button is visible in case you use the trial version of the program. By clicking on this button, you can purchase the full license of the program on **Movavi** website.

**Minimum System Requirements:**

- Microsoft Windows 2000/XP/Vista/7/8 with up-to-date patches/service packs installed,
- Intel or AMD or compatible processors, 1GHz,
- Minimum graphics display resolution of 1024x768, 32-bit color,
- 256MB RAM for Windows 2000 and XP, 512MB for Vista, 1GB for Windows 7 and Windows 8,
- Minimum 250MB free hard disk space for installation, 2GB for ongoing operations,
- Latest version of QuickTime Player for Windows for MOV file processing,
- VHS capture device is required for capturing analog video,
- BD-R/RE drive is required for Blu-ray Disc authoring and playback,
- Administrator permissions are required for installation.

**Recommended System Requirements for HD Video Processing:**

- Microsoft Windows 2000/XP/Vista/7/8 with up-to-date patches/service packs installed,
- Intel or AMD or compatible processors, 2.8GHz,
- Display resolution of 1280x1024, 32-bit color,
- 1GB RAM for Windows 2000 and XP, 2GB for Vista, Windows 7 and Windows 8,
- 5GB free hard disk space for ongoing operations; DVD and Blu-ray Disc copying, editing and authoring may require large amount of free disk space, up to several 10's of GB,
- NVIDIA® CUDA™-enabled graphic card is required for conversion speed acceleration,
- Latest version of QuickTime Player for Windows for MOV file processing,
- BD-R/RE drive is required for Blu-ray Disc authoring and playback,
- VHS capture device is required for capturing analog video,
- Administrator permissions are required for installation,
- Sound card.

**Note:** *Movavi Video Suite* may run on slower computers; however, stable performance of the application in such cases is not guaranteed.



**Movavi Video Converter** - a powerful and user-friendly tool that allows you to convert your media files quickly and easily!

**Movavi Video Converter** provides the following features:

- **DVD Ripping** - Rip your DVD movies to automatically convert the main video (without bonuses) to one of the most popular video formats; convert video for any mobile devices. At ripping DVD, you can select a necessary audio track and subtitles track for the converted video. Besides, you can easily convert DVD to any video format with the initial soundtrack without a necessity to additionally set it up. Please be aware that **Movavi Video Converter** does not allow you to convert a copy-protected video or DVD.
- **HD Video Conversion** - Convert videos to high-definition formats. Use **Movavi Video Converter** to shrink HDTV or HD DVD movies to be played on your mobile device or cell phone or create HD video on your own.
- **Conversion for YouTube™** - Upload HD & HQ video to YouTube™ right after conversion.
- **Conversion for Mobile Devices** - You can convert video for any mobile device - iPod, PSP, Zune, PDA, cellphone without any knowledge about video formats and characteristics by using predefined presets available in **Movavi Video Converter**.
- **Automatic Splitting & Joining** - With **Movavi Video Converter**, you can split processed video automatically by size/by duration. This option is very useful if you want to split a large video file into smaller ones. The **Join** option is used for merging multiple AVI, MPEG (MPG), MP4, VOB, DVD, 3GPP, 3GPP2, MOV or WMV/ASF (Window Media) files into one large video file. You may join as many files as you need. The only limitation is your hard drive's space.
- **Video Editing Tools & Professional Filters** - Enhance your video and make it unique and dramatic by means of visual effects. The following video editing options are available: Magic Enhance, auto contrast, auto white contrast, brightness, contrast, saturation; black and white, sepia, old movie effects applying, etc.
- **Conversion to Multiple Formats at Once** - **Movavi Video Converter** offers a possibility to convert the initial video or audio file to a number of formats at once so that you can select the output file that better meets your requirements in file size and quality.
- **Customizable Target Quality and File Size** - The Target Quality option allows you to define the quality and the size of the output video file in just a few seconds - move the slider to set a desired quality level, and **Movavi Video Converter** will calculate the size of the output file.
- **Batch Mode** - Convert a number of files at once! The variety of settings allows you to minimize the routine and do the job that requires hours just in minutes! You may select to close the application when conversion of your video files is finished.
- **Multi-core Support** - **Movavi Video Converter** provides support for multi-core processors to make the process of conversion even faster. The new version features significantly increased reading speed of H.264 on multi-core processors.
- **Extended Post-Conversion Options** - Specify what the program should do when conversion is complete: shut down the computer or activate the *Hibernate* mode.

**Movavi Video Converter** supports almost all popular media formats.

The list of supported formats is the following:

Video Formats	Supported codecs
<b>3GPP</b> (.3gpp, .3gp)	Read / Write H.263, H.264, MPEG-4
<b>Advanced Streaming Format</b> (.ASF)	Read Only ASF
<b>Audio Video Interleave</b> (.avi)	Read / Write MPEG4, H.264, DV, MJPEG, Uncompressed, XVID, DIVX
<b>DVD - Digital Video Disc</b> (.vob, .ifo)	Read Only DVD-Video, DVD folder
<b>Flash</b> (.flv)	Read / Write H.263, H.264
	Read Only VP6
<b>Flash</b> (.swf)	Write Only H.263
<b>HD Video</b> (.mp4, .m2ts, .wmv, .mpg, .ts)	Read / Write MPEG-2, MPEG-4, H.263, H.264, WMV-9
<b>HD Video</b> (.m2t, .mts, .ts)	Read Only MPEG-2, H.264
<b>HTML5</b>	Read / Write WebM/VP8, OGV
<b>Matroska</b> (.mkv .mka .mks)	Read / Write MPEG-4, H.264, MJPEG, DV, Uncompressed
<b>MPEG</b> (.mpg, .mpeg, .dat, .mod, .ts)	Read / Write MPEG-1, MPEG-2
<b>MP4</b> (.mp4, .m4v)	Read / Write H.263, H.264, MPEG-4, ProRes
<b>QuickTime</b> (.mov, .qt, .m4v)	Read / Write QuickTime Video
<b>WMV - Windows Media Video</b> (.wmv, .ASF)	Read / Write Windows Media Video 7/8/ 9 Windows Media Screen 7/9 Windows Media Video 9 Advanced Profile
<b>WTV - Windows Recorded TV Show</b> (.wtv)	Read Only Microsoft MPEG-4 Video Codec V1 - V3
	Read Only MPEG-2

Audio Formats	Supported codecs
<b>AAC</b>	Read / Write AAC
<b>FLAC</b> (.flac)	Read / Write FLAC
<b>MP3</b> (.mp3)	Read / Write MP3
<b>MP4</b> (.m4a, .m4b)	Read Only M4A, M4B, PCM
<b>Monkey's Audio</b> (.ape, .apl)	Read / Write Monkey's Audio
<b>OGG</b> (.ogg)	Read / Write Vorbis
<b>WAV</b> (.wav, .wv)	Read / Write MP3, Uncompressed
<b>WMA</b> (.wma)	Read / Write WMA 9, WMA 10 Pro, WMA Voice



This section provides information about **Movavi Video Converter** Hardware Acceleration support.

*Please note*, at the first launching of the program, **Movavi Video Converter** will automatically detect **NVIDIA CUDA** or/and **Intel HD Graphics** drivers and the warning window will appear notifying that these drivers must be up-to-date in order the program works correctly!

**TIP:** Please update **NVIDIA CUDA** or/and **Intel HD Graphics** drivers timely!



**Movavi Video Converter** provides support of computers with **Intel®** multi-core processors. The latest **Intel®** technologies are used in **Intel® Core™ i3, i5, and i7** processors. The multi-core support accelerates the process of encoding/decoding as well as simultaneous conversion of a large number of files by taking the full power of each core. The performance grows up to 400% for H.264 and MPEG-2 codecs and up to 8 files process simultaneously.

#### Supported Formats

**Input Video Formats:** AVI, MP4, FLV, MKV, MOV, MPEG2-TS with H.264 codec; MPEG (MPEG2 PS, MPEG2 TS) with MPEG1/MPEG2 codec; WMV with VC-1 codec.

**Output Video Formats:** 3GP, 3GP2, AVI, FLV, M2TS, MKV, MP4 with H.264 codec; M2TS, MPEG with MPEG2 codec.

For details, refer to the [Video Acceleration](#) section.



**Movavi Video Converter** is optimized for NVIDIA® CUDA™ providing the acceleration of processing of your media files on a CUDA-enabled graphics card GPU (Graphics Processing Unit) up to 5x. Supported Graphics Cards are GeForce, GeForce Mobile, Quadro, and Quadro Mobile. [Please find the full list of supported cards](#).

Using this technology **Movavi Video Converter** shifts processing of files from your computer's CPU to NVIDIA's GPU, so that CPU of your computer is fully available for use by other tasks.

#### Supported Formats

**Input Video Formats:** AVI, MP4, FLV, MKV, MOV, MPEG2-TS with H.264 codec, MPEG (MPEG2 PS, MPEG2 TS) with MPEG1/MPEG2 codec, WMV with VC-1 codec.

**Output Video Formats:** 3GP, 3GP2, AVI, FLV, M2TS, MKV, MP4 with H.264 codec.

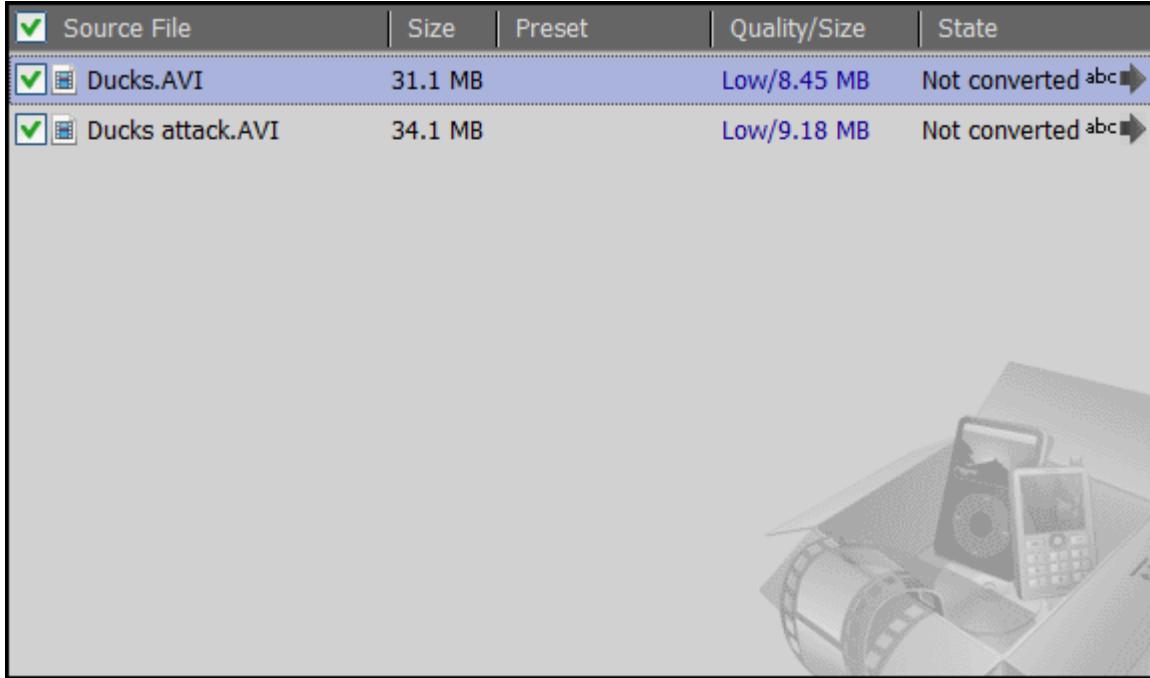
For details, refer to the [Video Acceleration](#) section.

This section describes simple steps on how to convert video and audio files to any popular format.

Open **Movavi Video Converter** and follow these steps:

1. In the **File** menu of the main **Movavi Video Converter** window, click on the **Add Video.../Add DVD...** option, then select the file(s) you want to convert and open them.

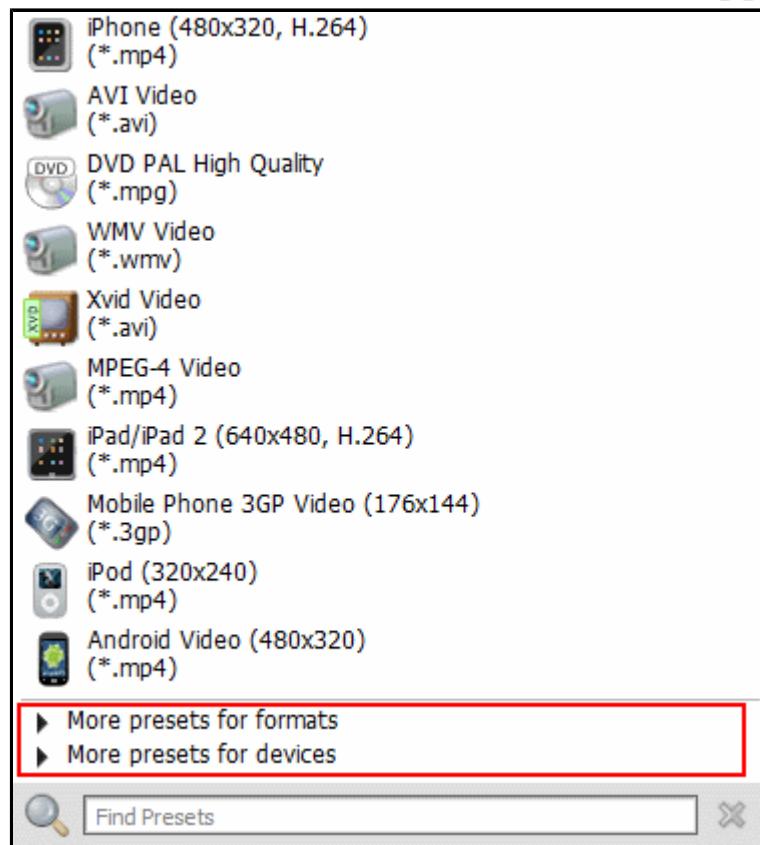
The file(s) will be displayed in the following area:



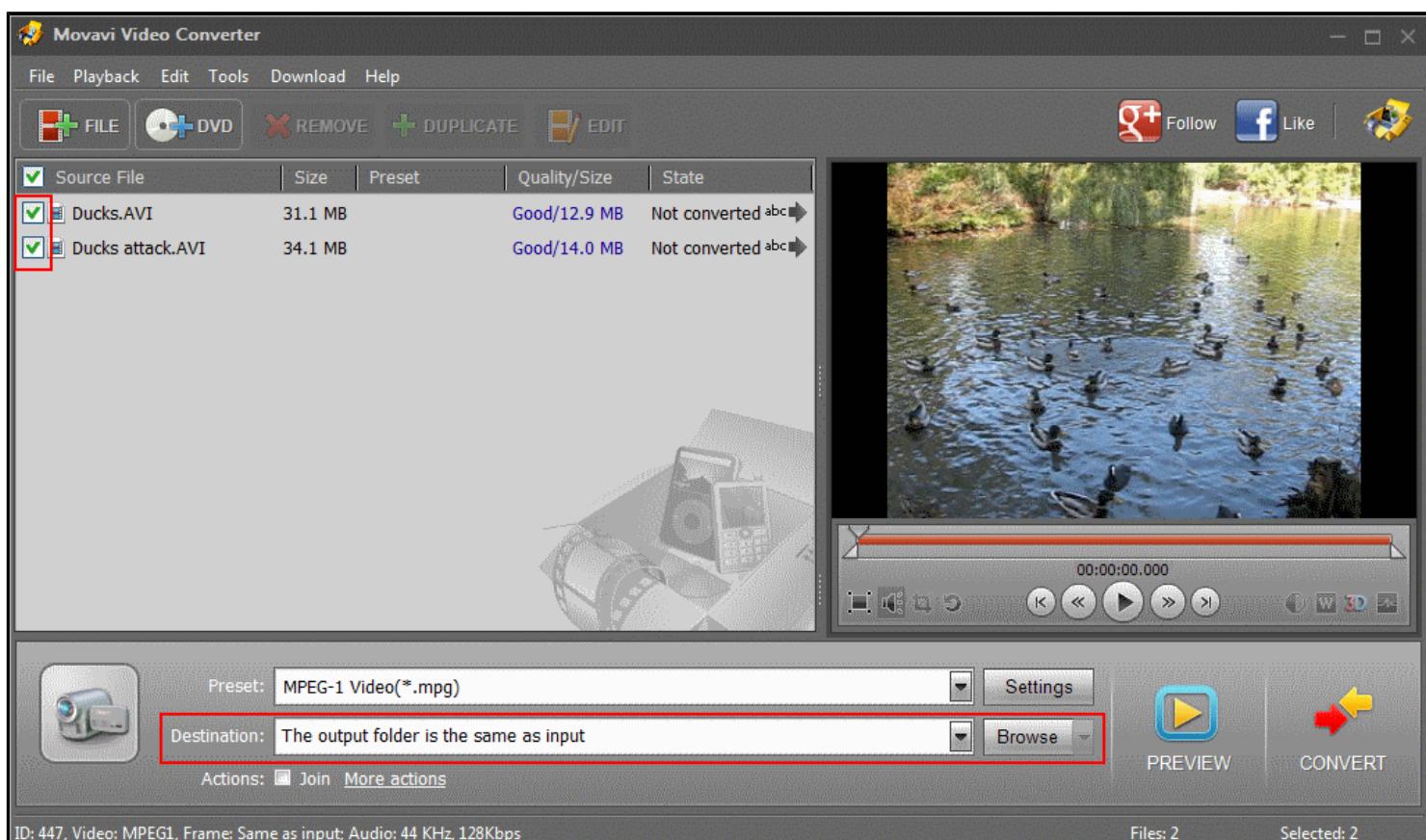
2. Select the checkbox opposite the file(s) you want to convert.

3. In the **Preset** drop-down list select the preset format for the output file(s).

**Note:** More presets for formats and devices you can find in the corresponding menus:



5. Click the **Browse** button opposite the **Destination** area and select the directory to save the output file(s) to:

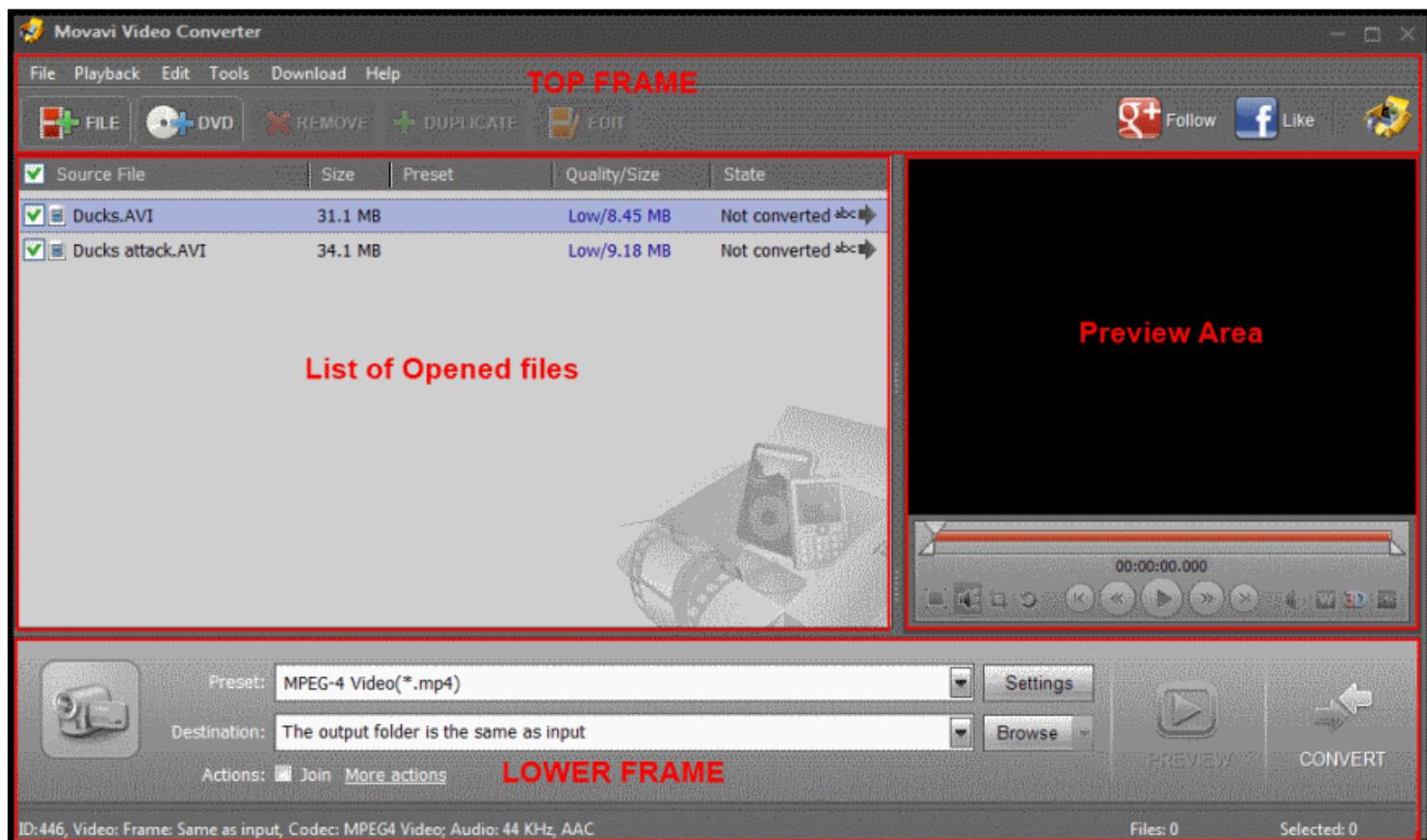




6. Click **Convert**.

Your file(s) will be converted and saved into the specified directory.

Movavi Video Converter main screen consists of the following parts:



- Top Frame
- List of opened files
- Preview area
- Lower Frame



**Movavi Video Converter** Top Frame contains the **Menu bar** and the **Toolbar**.

## Menu bar

File Playback Edit Tools Download Help

Clicking on the **File** menu the following options are available:

Add Video...	Ctrl+O
Add DVD...	Ctrl+D
Add Folder...	Ctrl+F
Remove	Ctrl+R
Clear	Alt+R
Convert	Ctrl+S
Capture Current Frame...	
Gallery	
File Information...	
Exit	

- **Add Video** - adds video files to the list of opened files.
- **Add DVD** - adds the whole DVD disc to the list of opened files.
- **Add Folder** - adds the whole content of a folder to the list of opened files.
- **Remove** - removes selected file(s) from the list.
- **Clear** - removes all files from the list.
- **Convert** - converts selected files using specified settings.
- **Capture Current Frame** - saves the current frame as an image.
- **Gallery** - allows you to automatically create photo galleries from any video or DVD.
- **File Information** - shows the selected file's information.
- **Exit** - quits **Movavi Video Converter**.

Clicking on the **Playback** menu the following options are available:

Play	Space
Stop	Alt+S
Jump to Beginning	Alt+Home
Jump to End	Alt+End
Jump to Previous Frame	Alt+P
Jump to Next Frame	Alt+N
Previous Chapter	Ctrl+PgUp
Next Chapter	Ctrl+PgDown
Jump to	▶
Loop	F2
Sound	F3
Full Screen	F4

- **Play** - plays a current file.
- **Stop** - stops playing a current file.
- **Jump to Beginning** - jumps to the beginning of a file.
- **Jump to End** - jumps to the end of a file.
- **Jump to Previous Frame** - jumps to the previous frame.
- **Jump to Next Frame** - jumps to the next frame.
- **Previous Chapter** - Jumps to the previous chapter on DVD.
- **Next Chapter** - Jumps to the next chapter on DVD.
- **Jump to** - jumps to the selected chapter on DVD.
- **Loop** - loops playback.
- **Sound** - turns sound on/off.
- **Full Screen** - enables a full screen playback.

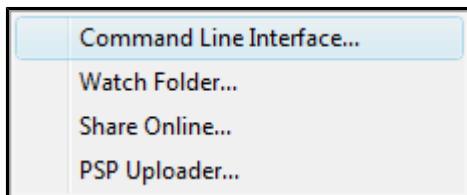
Clicking on the **Edit** menu the following options are available:

Crop
Rotate
Adjust Video...
Add Watermark...
Add 3D Effect
Audio...
Add Subtitles
Return to original
Preferences...

- **Crop** - crops selected video.
- **Rotate** - rotates video image on the screen.
- **Adjust Video** - enhances selected video with the help of automatic filters.
- **Add Watermark** - adds an identifying image or text on a selected video.
- **Add 3D Effect** - enables you to select and set up 3D effect for a selected video.

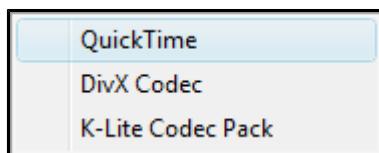
- **Audio** - allows you to select audio track for conversion (in case there are several tracks in the selected video file).
- **Add Subtitles** - adds subtitles to the video.
- **Return to original** - discards all changes.
- **Preferences** - opens the program settings dialog window where you can set up conversion preferences.

Clicking on the **Tools** menu the following options are available:

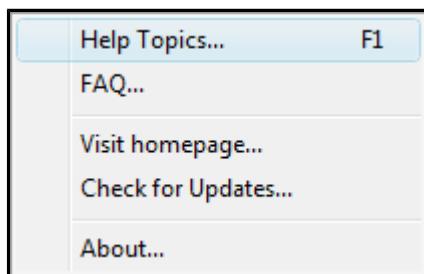


- **Command Line Interface** - launches command-line interface.
- **Watch Folder** - launches Movavi Watch folder settings window where you can set up a folder for files to be converted automatically.
- **Share Online** - launches Movavi Share Online application which allows you to upload selected video to YouTube and Facebook automatically after conversion.
- **PSP Uploader** - launches the PSP Uploader.

The **Download** menu contains a list of the most popular links that you may need while working with video.



Clicking on the **Help** menu the following options are available:



- **Help Topics** - opens the Help Manual.
- **FAQ** - opens the FAQ list on **Movavi** website.
- **Visit homepage** - opens **Movavi Video Suite** webpage.
- **Check for Updates** - checks whether a new version of the program is available.
- **About** - displays the version number and the registration information.

## Toolbar



The Toolbar contains buttons of the often-used commands.

- **File** - Opens a dialog window for adding video and audio files to the List of opened files. To learn more, see the [Adding/Removing Video Files](#) section.
- **DVD** - Opens a dialog window for adding DVD files. To learn more, see the [Adding DVD](#) section.
- **Remove** - Removes selected files from the List of opened files.
- **Duplicate** - Duplicates selected files and adds created copies to the List of opened files.
- **Edit** - Allows to edit settings of the selected file(s).

The **List of opened files** displays video, audio and DVD files added for conversion, their initial and output size, output format and state (*Converted/Not converted*).

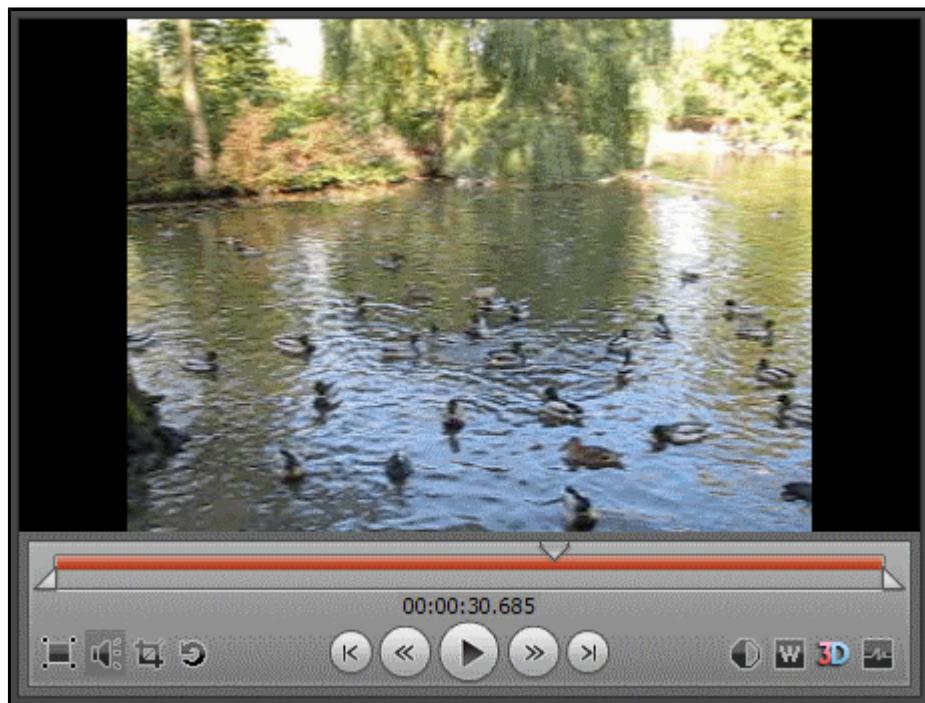
- To add files to the list, click on the **File** menu in the Menu bar, or click on the **DVD** button in the toolbar.
- To remove files from the list, simply highlight files and click the **Remove** button on the toolbar. To clear the list (remove all files), select **File > Clear**.

All files with the selected checkboxes will be converted. Clear the checkboxes near the files that you do not want to convert.

Source File	Size	Preset	Quality/Size	State
<input checked="" type="checkbox"/> Ducks.AVI	31.1 MB		Low/8.45 MB	Not converted abc ➔
<input checked="" type="checkbox"/> Ducks attack.AVI	34.1 MB		Low/9.18 MB	Not converted abc ➔

**Note:** To select consecutive files or folders, click the first item, press and hold down **SHIFT** and then click the last item. To select non-consecutive files or folders, press and hold down **CTRL**, and then click every necessary item.

The **Preview Area** allows you to preview video file(s) before conversion. Use control buttons under the **Preview Area** to control video and audio playback.



The **Control buttons** allow you to control the process of file previewing:



Plays selected file. When the file is being played, the **Play** button becomes inactive; the **Pause** button is displayed instead.



Pauses playback. When a file is paused, the **Pause** button becomes inactive; the **Play** button is displayed instead.



Jumps to the previous frame.



Jumps to the next frame.



Jumps to the beginning of the file.



Jumps to the end of the file.



Maximizes video to the full screen mode.



Turns sound on/off.



Captures desired area for conversion on the preview screen.



Rotates video picture.



Adjusts selected video and applies visual effects to it.



Allows you to add a watermark to the video.

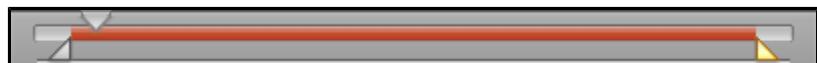


Allows you to select and add 3D effect to the video.



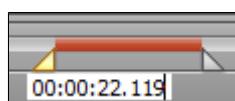
Allows you to select an audio track.

The **Seek** slider indicates the playback progress of the current file. Move the **Thumb marker**  to jump to a necessary frame or time of the audio track.

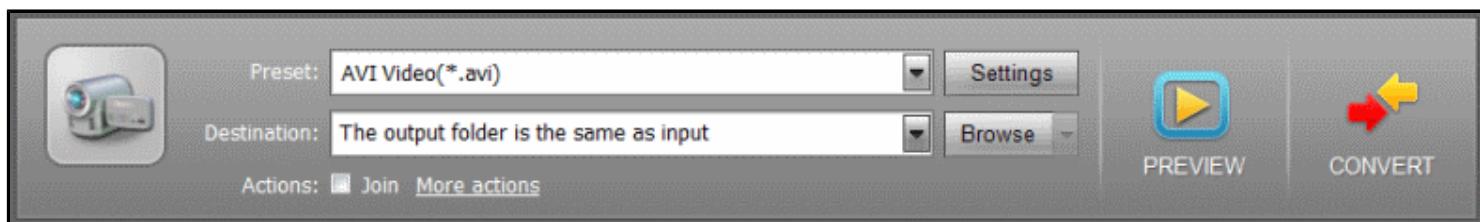


The left and the right markers   allow you to select a fragment to be converted or define an interval from which a photo gallery should be created. The time below the controls shows the time from the beginning of the file.

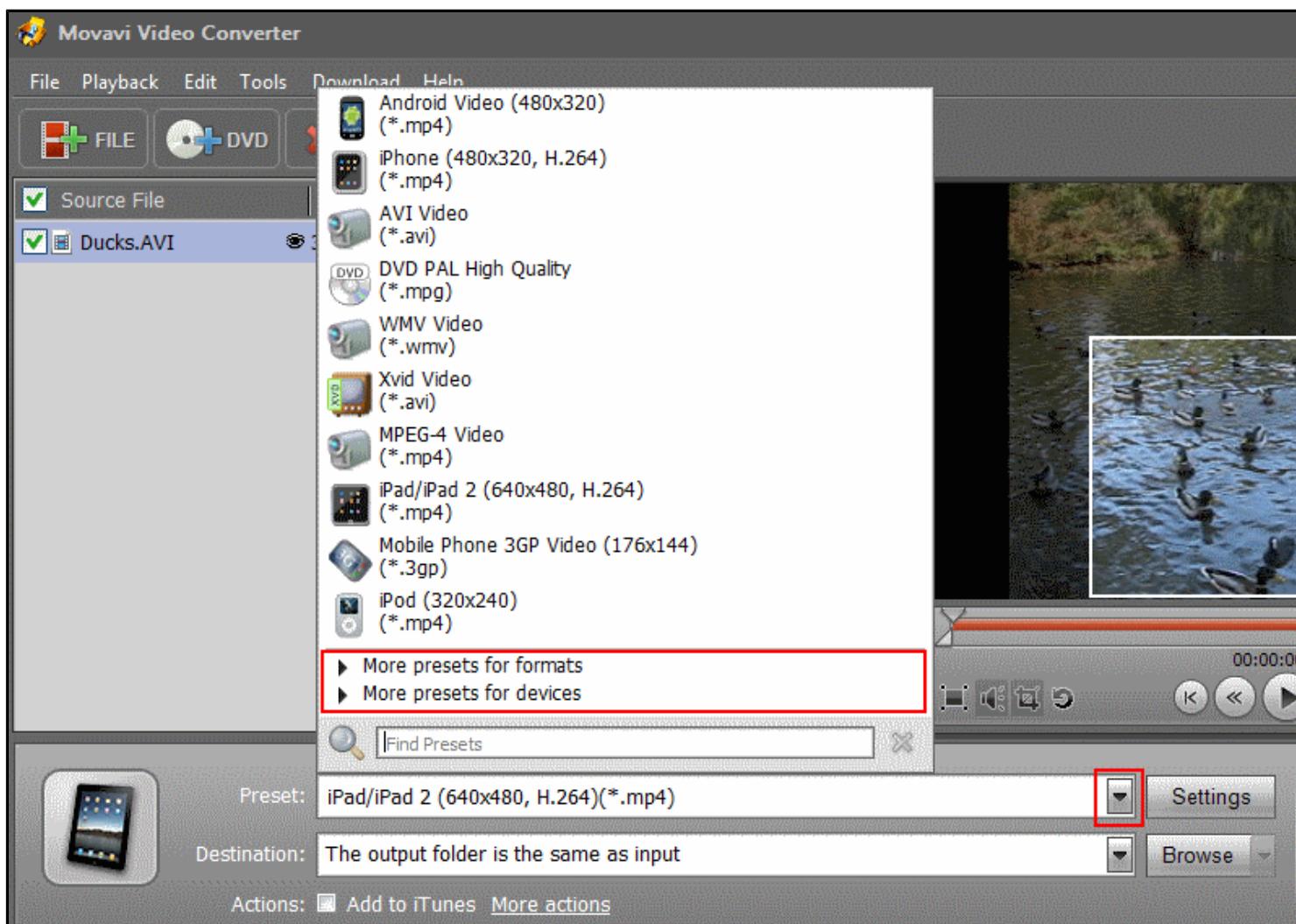
You can as well specify the exact time of the beginning and ending of the fragment by selecting the markers (in turn) and then clicking on the time display and specifying required time values:



The **Lower Frame** contains the following elements:



- **Preset** drop-down menu contains the list of available format presets which allows you to set up an output format for the processed video. **Movavi Video Converter** also allows you to easily set up an output format for any mobile device - iPod, PSP, Zune, PDA, cellphone, without any technical knowledge about video formats and their characteristics. To do it, just select one of the ready-made presets from the list of available ones. More presets are available by clicking the following links:



- **Destination** area - allows you to select a directory to save output files to. To choose a folder, click on the **Browse** button.
- **Actions** field - contains the link to open the window where you can select additional actions for the conversion process.

The following checkboxes may be displayed in the **Actions** field depending on the chosen preset:

Actions:  Join [More actions](#)

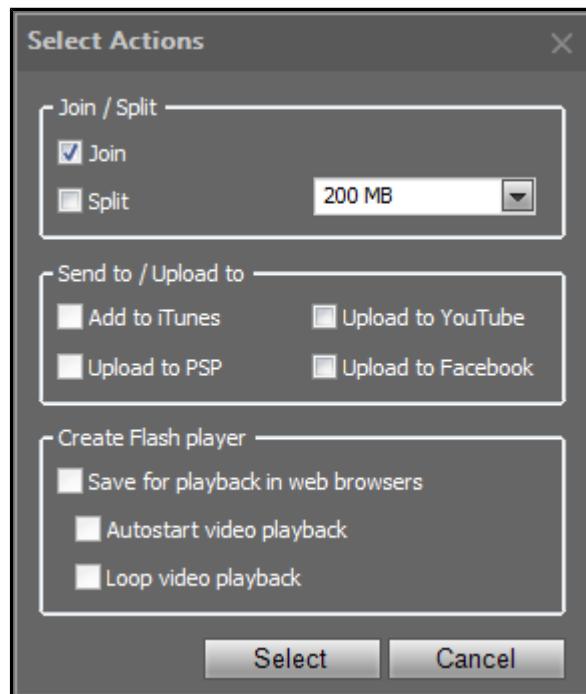
**Join** checkbox - appears if several files are opened and the **Join** checkbox is selected in the **More actions** dialog window.

The same is for the **Split** checkbox.

Actions:  Add to iTunes [More actions](#)

**Add to iTunes** checkbox - appears in case you select a preset for Apple devices only.

By clicking on the **More actions** (or **Add extra actions**) links, the following window appears:



- **Join** checkbox - allows you to merge selected files in different formats into one large file.
- **Split** checkbox - allows you to split your video or audio files by size or duration while you convert them.
- **Send to/Upload to** - allows you to proceed with uploading converted files to one of available services right after conversion.
- **Create Flash player** - allows you to convert your video files to Flash and automatically embed the output files to HTML.

- **Preview button**



After clicking on the **Preview** button, you will be able to preview a small converted part of your video in order to estimate if it suits your expectations.

- **Convert button**



Clicking on the **Convert** button the conversion process will start. It will allow you to convert selected files into the defined format and save them into the specified directory.

- **Status bar**



The **Status bar** displays hints for the selected command: current frame's number, codec name, number of selected files, etc.



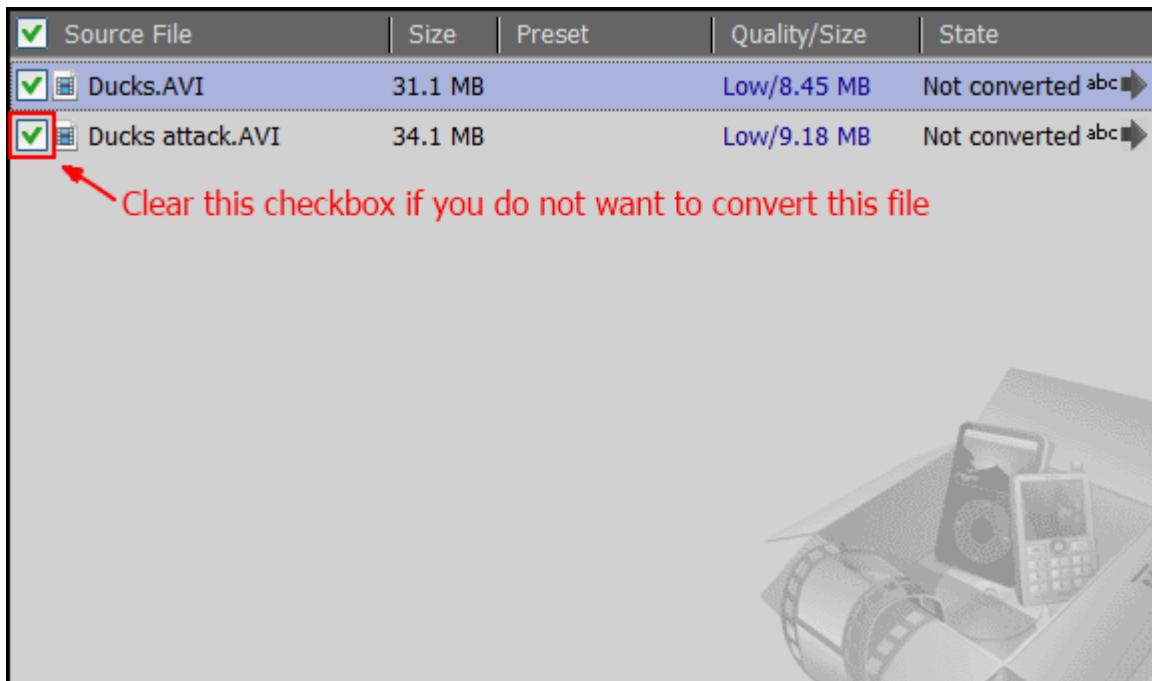
This section describes in detail how to use **Movavi Video Converter** in order to convert your video files.

To start working with files, you have to add them to the List of opened files. You can add as many video and audio files as you need.

To add files, follow these steps:

1. Click **File** and select the **Add File...** option or click the **File** button on the toolbar to add separate files or the **DVD** button to add DVD.
2. Select files you want to add.
3. Click **Open**.

When you add files, they are marked for conversion by default. If you want to skip a certain file while converting, unmark its checkbox:



To remove files from the list, simply select files and click the **Remove** button on the toolbar.

To remove all files from the list, click **File** in the Menu bar. and select **Clear**. The list of files will be cleared. When you remove files from the list, you do not delete them from your computer.

**Note:** To select several consecutive files or folders, click the first item, then hold down SHIFT, and then click the last item. To select non-consecutive files or folders, press and hold down CTRL, and then click each item.

**Note:** Please be aware that **Movavi Video Converter** does not allow you to convert a copy-protected video or DVD.

In order to convert DVD to a desired format, follow the steps:

1. Click the **DVD** button to add DVD you want to convert.
2. Select the DVD drive and then click the **VIDEO\_TS** folder.
3. Click **OK**.
4. Select a necessary format from the **Preset** list.  
To modify or add a new preset, click the **Settings** button. For details, see the [Preset Modification](#) section.
5. Select the folder where you would like to save converted files to.
6. Click the **Convert** button.

Are there several audio streams or subtitles in the DVD video? For details, see the [Selecting Subtitles and Audio Tracks](#) section.

You can specify DVD chapters you want to convert. Click the arrow icon next to a DVD title in the list of opened files and choose **Select chapters**. In the window opened, select the **First** chapter and the **Last** chapter. Click **OK**. Only selected chapters will be converted.

You can find the most recently used presets in the **Preset** list right after you open it.

With **Movavi Video Converter**, you can rip DVD fast and easily in order to convert a video to any format and save it to your computer or any mobile device.

**Note:** Please be aware that **Movavi Video Converter** does not allow you to convert a copy-protected video or DVD.

Every DVD disc contains .VOB and .IFO files. In **Movavi Video Converter**, you can either convert a whole DVD (with all titles, tracks, etc.) at once or convert just .VOB file (continuous video without separation on chapters, tracks, etc.).

- To rip a whole DVD, follow the steps:

1. Select **File > Add Video...** or click the **DVD** button on the toolbar.
2. In the opened window, click the DVD name and choose the **VIDEO\_TS** folder.
3. Click **OK**.
4. See the [Adding DVD](#) section.

- To rip a .vob file, follow the steps:

1. Select **File > Add Video...** or click the **File** button on the toolbar.
2. Open a DVD folder.
3. Choose a .VOB file.
4. Follow the steps on how to convert a file described in the [Adding/Removing Video Files](#) section.



**Movavi Video Converter** allows you to duplicate a file (or files) in the List of opened files. This feature can be useful when you want to convert one file in different formats in order to estimate which format will better suit your needs.

To duplicate a file, follow these steps:

1. In the list of files select a file you want to duplicate.
2. Click on the **Duplicate** button in the Toolbar.

The duplicated copy of the file will appear in the list of files. This file is marked for conversion by default. Clear the checkbox opposite this file if you do not want to convert it.

In **Movavi Video Converter** Preview area you are able to play back your video files: review video content, pause it, jump to the beginning or to the end of the record, etc.

These actions can be performed by means of the **Control buttons** located in the **Preview area**:



Find the **Control buttons** description in the [Preview Area](#) section.

**To play a file**, select it in the List of opened files and use one of the following options:

- Select **Playback > Play**



**To stop playing a file**, use one of the following options:

- Select **Playback > Stop**



- Press **SPACE** on your keyboard.

**To jump to the beginning of the file**, use one of the following options:

- Select **Playback > Jump to Start**



- Press **HOME** on your keyboard.

**To jump to the end of the file**, use one of the following options:

- Select **Playback > Jump to End**



- Press **END** on your keyboard.

**To jump to the next frame of the movie**, use one of the following options:

- Select **Playback > Jump to Next Frame**



- Press **ALT-N** on your keyboard.

- Drag the timeline slider.

**To jump to the previous frame of the movie**, use one of the following options:

- Select **Playback > Jump to Previous Frame**



- Press **ALT-P** on your keyboard.

- Drag the timeline slider.

**You can capture frames** from your video.

1. Choose the frame you need.

2. Click on the **Stop** button.
3. Choose **File > Capture Current Frame...**

**To turn on/off sound while playback**, use one of the following options:

- Select **Playback > Sound**
- Click 
- Press **F3** on your keyboard.

You can preview your movie in the Full Screen mode.

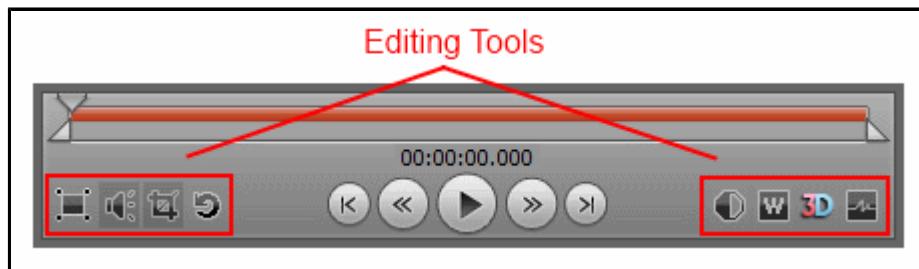
**To turn on the full screen mode**, use one of the following options:

- Select **Playback > Full Screen**
- Click 
- Press **F4** on your keyboard.

**To exit the full screen mode**, use one of the following options:

- Click the mouse button
- Press **ESC** on your keyboard

You can edit video with the help of the tools located under the **Preview area** (the tools can be also found in the **Edit** menu of the **Menu bar**).



As soon as you apply an effect to your video, the **Eye**  icon will appear next to its file in the list of opened files. By clicking on this icon, you may disable the effects and they will not be applied during conversion.

You can cancel or modify effect parameters by clicking the respective **Tool** icon or by choosing the tool in the **Edit** menu of the **Menu bar**.

- **Cropping video.** This tool allows you to mark the area of your video which will be converted cropping the part remained beyond the borders.
- **Rotating video.** The effect allows you to rotate video picture by 90 degrees.
- **Adjusting video.** With the help of this tool you can adjust brightness, contrast, hue and saturation of your video. You can also apply automatic filters, including Auto Contrast, Auto White Balance and Deinterlace.
- **Adding watermark.** You can add a text or a small picture to the video.
- **Adding Subtitles** - You can add subtitles to your video.
- **Adding 3D Video** - You can apply 3D effect to your 2D video.

Before you start conversion, you can crop the video picture. Cropping can be helpful if you want to get rid of unwanted video elements (for example, black side bars) or need to change the focus of your video composition.

To apply the crop effect to your video:



1. Click **Crop** below the **Preview** area or select **Edit > Crop** in the Menu bar. As a result, the cropping area will appear on your video.
2. Resize the cropping area and change its location by dragging it to a necessary place of the screen. When you start conversion, your video will be converted within the frames restricted by the cropping area.



**Note:** As soon as you apply the **Crop effect** to the video, the Eye icon  will appear next to its file in the List of opened files: the opened eye means the effect is enabled, the closed eye means the effect is disabled.

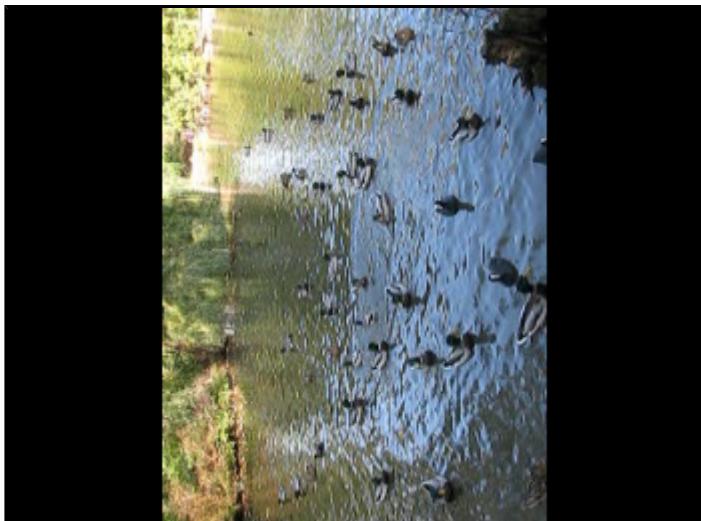
To enable or disable the effect, simply click on the Eye or right-click it and select a corresponding command from the context menu. You can also get back to the original video by selecting the **Return to original** command from the context menu or **Edit > Return to original** from the Menu bar.

If you need to change a rotation of the video picture, you can apply the **Rotate** effect to it. This may be required if your video was rotated in the process of recording with a camera. You can rotate your video by 90, 180 or 270 degrees.

To rotate your video, perform the following steps:

1. Select a necessary video file in the **List of opened files**.

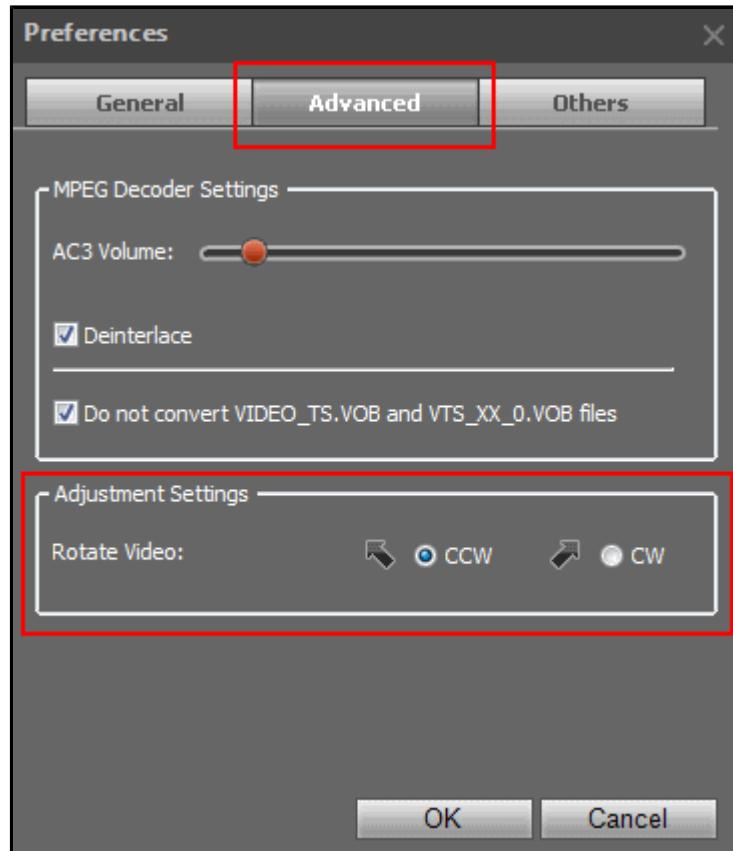
2. Click  below the **Preview area** or select **Edit > Rotate** in the Menu bar.  
As a result, your video will be rotated by 90°.



You can set up rotate direction in the following way:

1. Open the **Edit** menu in the Menu bar,

2. Click **Preferences** option. The following window will appear:



3. Go to the **Advanced** tab.

4. In the **Adjustments settings** area select desired direction:

- **CCW** - for counterclockwise rotation,
- **CW** - for clockwise rotation.

**Note:** As soon as you apply the **Rotate effect** to the video, the **Eye** icon  will appear next to its file in the List of opened files: the opened eye means the effect is enabled, the closed eye means the effect is disabled. To enable or disable the effect, simply click the Eye or right-click it and select a corresponding command from the context menu. You can also get back to the original video by selecting the **Return to original** command at **Edit > Return to original**.

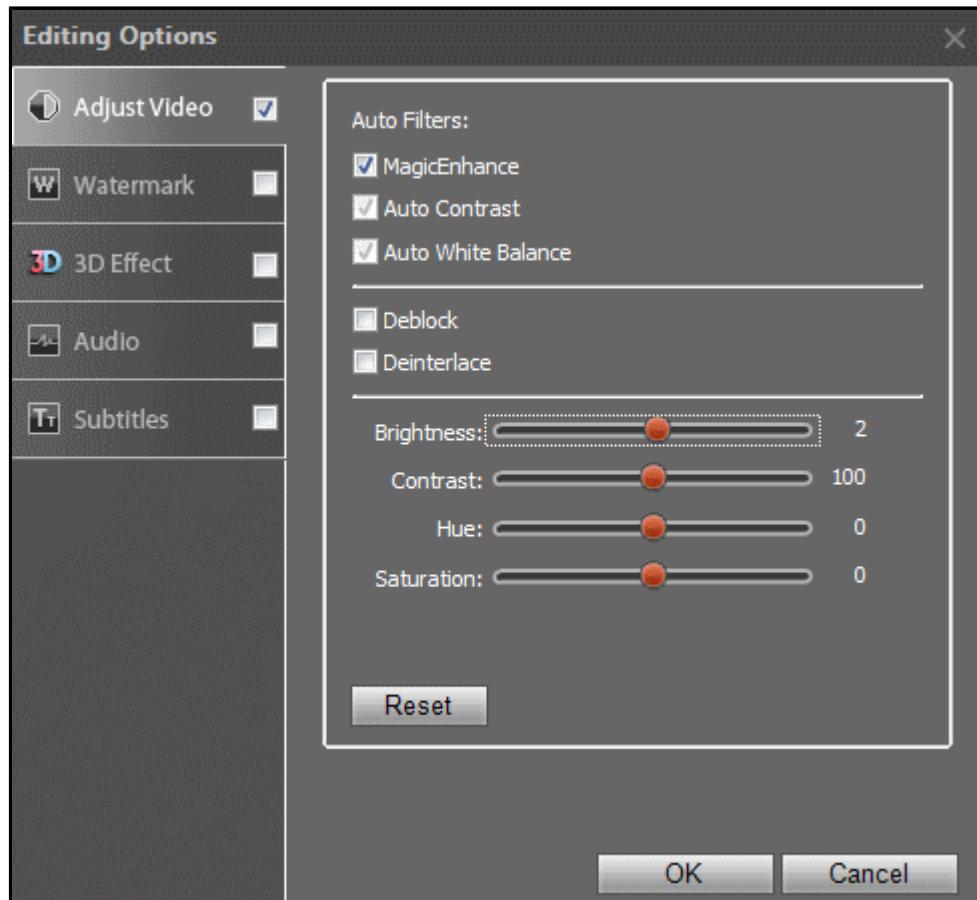
Before conversion is started, you can enhance your video image by using different visual filters, for example, change the brightness and contrast settings, apply the deblocking filter to your video, and so on.

**Movavi Video Converter** offers the following automatic and professional filters that you can apply to your video:

- **Magic Enhance**: automatically removes any color casts by calculating the best balance of colors in a frame. This filter is really magic: it fixes almost everything what is wrong and removes any defects. It not only repairs the color balance, but also fixes brightness, contrast and color levels.
- **Auto Contrast**: automatically calculates the best contrast in the frame; enhances highlights and shadows, making the dark parts of the frames darker, and the light ones lighter.
- **Auto White Balance**: automatically calculates the best white balance values according to the lighting conditions in the video; fixes the error when white color appears gray or blue.
- **Deblock**: improves visual quality of your video by smoothing the sharp edges which can appear between blocks when block coding techniques are used.
- **Deinterlace**: transforms mixed interlaced frames into normal video frames and removes interlaced horizontal rows.
- **Brightness**: provides advanced options for the brightness adjusting.
- **Contrast**: provides advanced options for the contrast adjusting.
- **Hue**: lets you adjust the hue of the entire image.
- **Saturation**: lets you adjust the saturation of the entire image.

To adjust your video, follow these steps:

1. Click  below the **Preview area** or select **Edit > Adjust Video** in the Menu bar. The following window will appear:



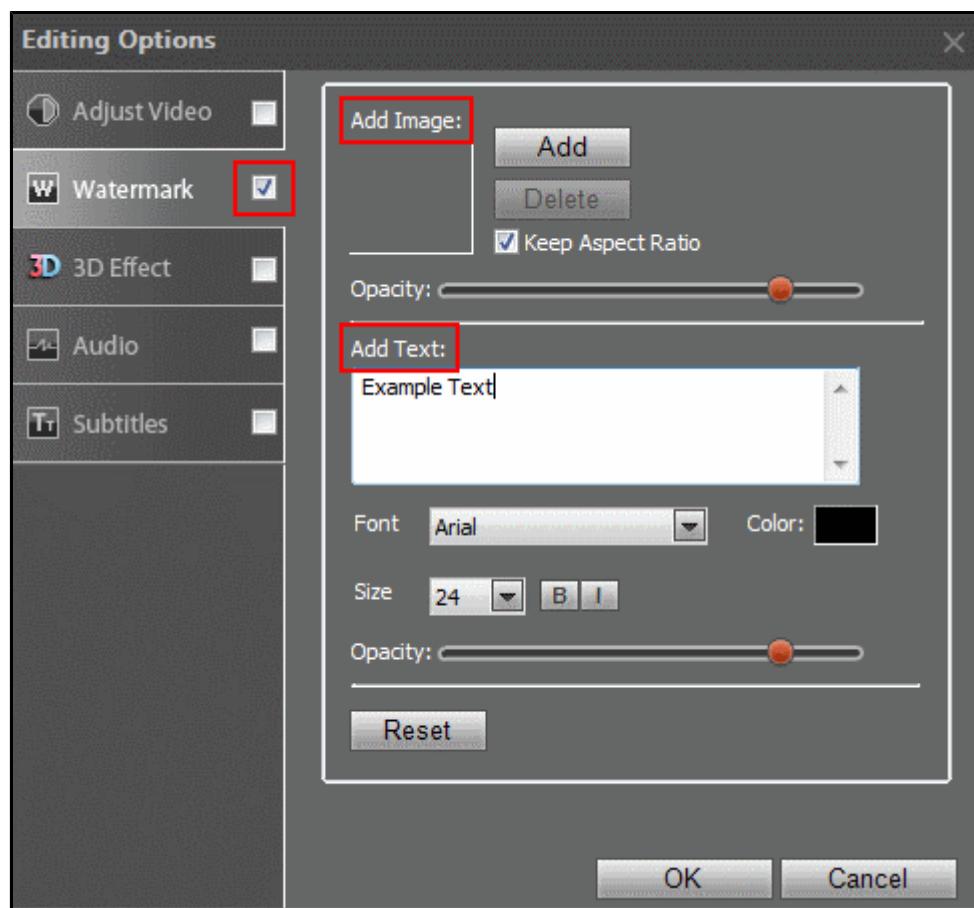
2. Adjust your video by applying necessary effects. You can discard all changes at any time simply clicking the **Reset** button.
3. Ensure that the **Adjust Video** checkbox is selected: if it is not, the adjustment will be temporary disabled.

4. Click **OK** to save the changes or **Cancel** to cancel the operation.

**Movavi Video Converter** makes it possible to identify your video with the help of watermarks. Watermark is a recognizable image or text pattern that appears on your video and informs about the video source, date of creation, ownership or provides any other information.

To add a watermark to your video, follow the steps:

1. Click  below the **Preview area** or select **Edit > Add Watermark** in the Menu bar. The following window will appear:



2. Add a watermark in one of the following way:

- **Image watermark.** If you want to add an image as a watermark, click the **Add** button in the **Add image** area and select a necessary graphic file. Select the **Keep Aspect Ratio** checkbox to keep the height/width ratio of the image at resizing. To remove an image from your video, click the **Delete** button next to the image.
- **Text watermark.** If you want to add text as a watermark, enter the text in the **Add Text** field. Adjust the style of your text using the Font, Font Style, Size and Color settings in the **Add Text** area. It is possible to delete the entered text by clicking the **Reset** button at the bottom of the window.

As a result, image or text identification will appear on your video in the Preview area. You can resize your watermark or change its location by dragging it on the Preview screen.

3. Set a necessary level of transparency. You can make your watermark more or less transparent by dragging the slider of the **Opacity** option.

4. Ensure that the **Watermark** checkbox is selected: if it is not, the watermark will be disabled.

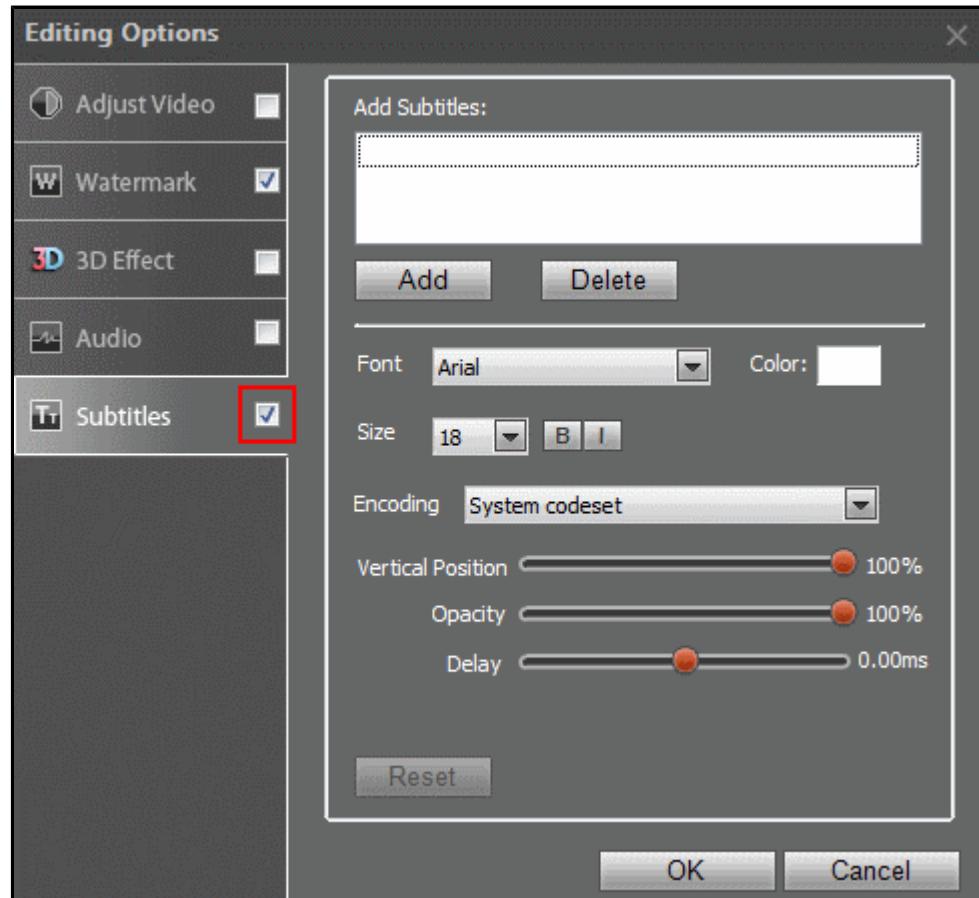
5. Click **OK** to save changes or **Cancel** to cancel the operation.

**Note:** As soon as you apply the Watermark effect to the video, the **Eye** icon  will appear next to it in the List of opened files: an opened eye means the effect is enabled, a closed eye means the effect is disabled. To enable or disable the effect, simply click the **Eye** or right-click it and select a corresponding command from the context menu. You can also get back to the original of your video by selecting the **Return to original** option from the context menu or at **Edit > Return to original** of the Menu bar.

If you have a favorite movie in a foreign language without translation and would like to watch it listening original voices of actors, there is no problem! You can find subtitles for your film and add them using **Movavi Video Converter**.

To add subtitles to your video, follow these steps:

1. In the Menu bar select **Edit > Add Subtitles**. The following window will appear:



2. In the **Add Subtitles** area click the **Add** button.

3. Select the file with subtitles with **.srt** extension. The file will be added to the **Add Subtitles** area. After the file is added, there is the **Change** button instead of the **Add** one. If you want to select another file, click on the **Change** button.

4. Specify the settings for your subtitles (font, color, size, position, level of transparency, etc).

5. Ensure that the **Subtitles** checkbox is selected: if it is not, the subtitles will not be added to the converted video.

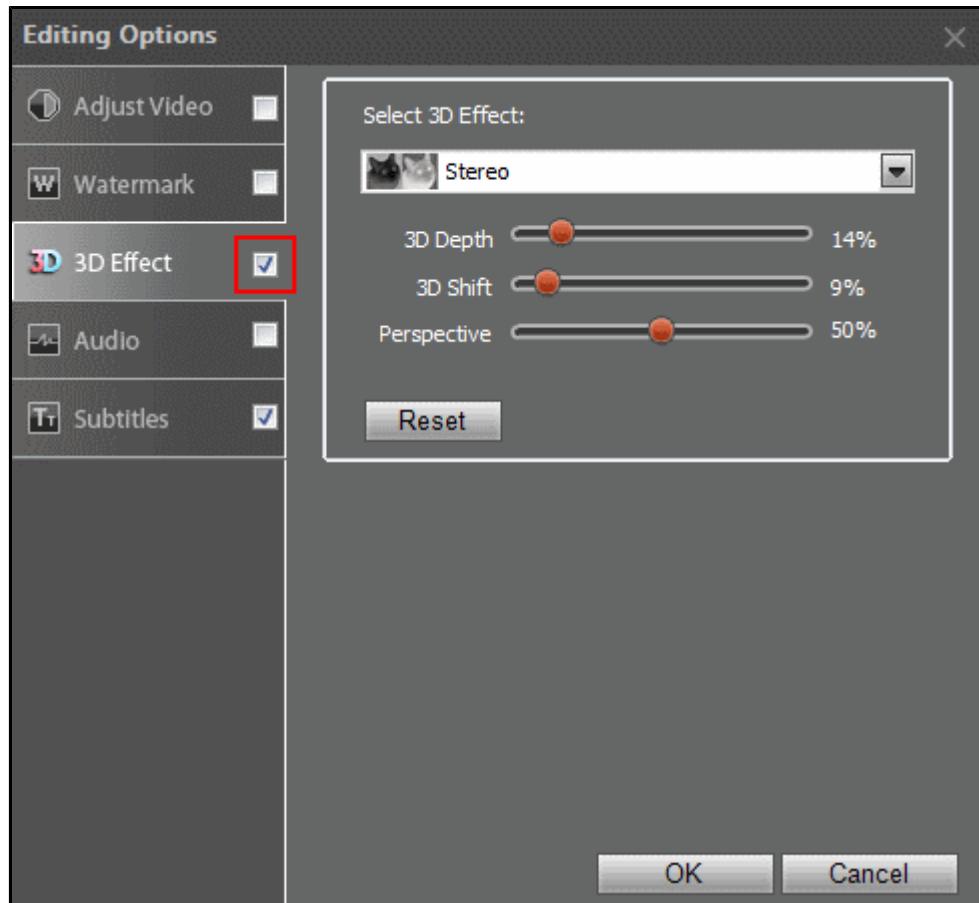
6. Click **OK** to save changes or **Cancel** to cancel the operation.

**Important:** Movavi Video Converter supports the **.srt** format only!

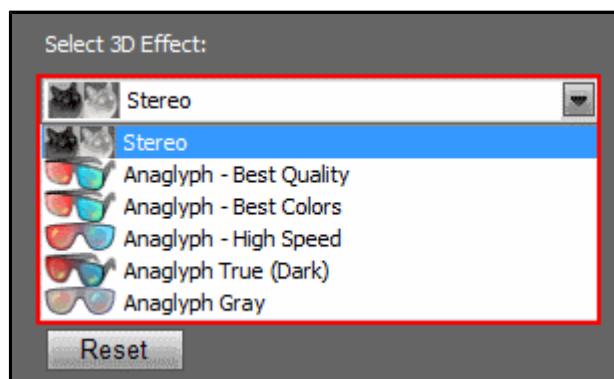
It's boring to watch movies in 2D? You would like to watch 3D films staying at home and sitting in front of your TV? It's easy! **Movavi Video Converter** allows you to convert 2D movies and home videos to 3D.

To convert 2D video to 3D, follow these steps:

1. Click  below the **Preview area** or select **Edit > Add Subtitles** in the Menu bar. The following window will appear:



2. Click on the  icon and select 3D mode that best suits your needs, your monitor, and your glasses:



3. Specify necessary 3D parameters by dragging the sliders (3D depth, 3D shift, perspective).

The real-time preview allows you to see your custom-designed stereo and anaglyph 3D videos in the Preview window. Your clip changes in the real-time manner while you change the mode or parameter value.

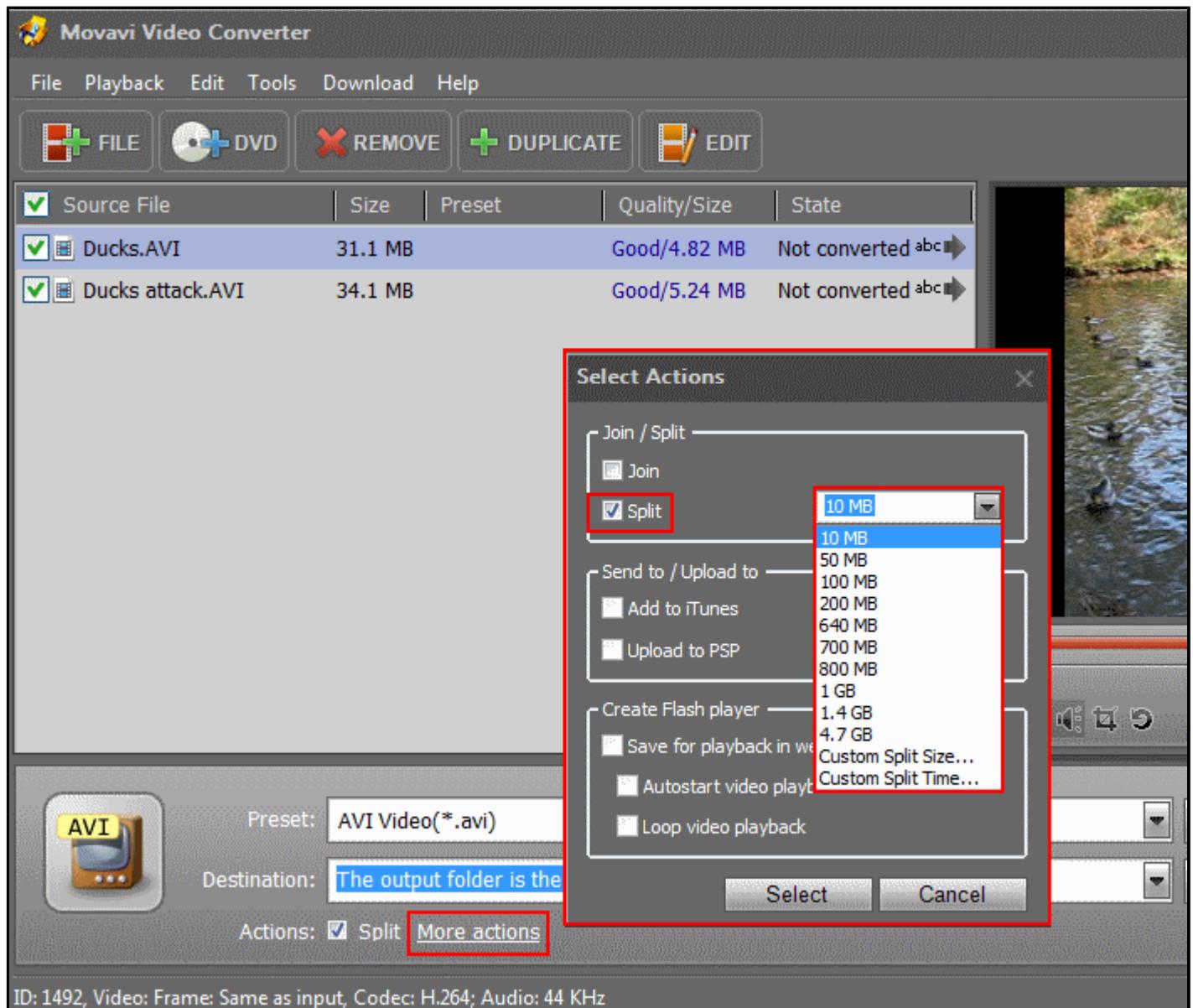


**Movavi Video Converter** allows you to automatically split your video and audio files into a number of smaller episodes while you convert them. You can select to split your files by size or by time of playing. This option can be very useful if you want to split a large movie into smaller parts, or need a video file of a specific size for smooth playing on mobile devices.

By default, the splitting option is disabled.

To split your video or audio at conversion, do the following:

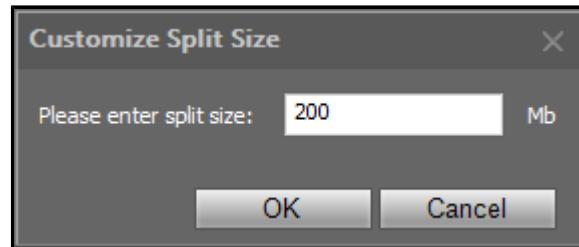
1. Click on the **More Actions** link in the lower frame of the main **Movavi Video Converter** window. The **Select Actions** dialog window will appear:



2. Select the **Split** checkbox.

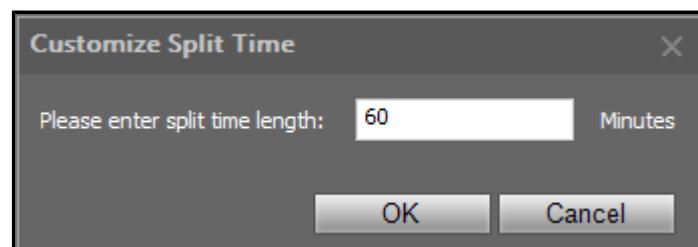
3. Choose a necessary value from the Splitting box:

- If you want to split your video by size, select one of the predefined options or click **Custom Split Size** and specify the size you need.



**Note**, the size should be specified in **Mb**.

- If you want to split your video by time, select one of the predefined options or click **Custom Split Time** and specify the time you need.



**Note**, the length should be specified in minutes.

#### 4. Click **OK** and **Select**.

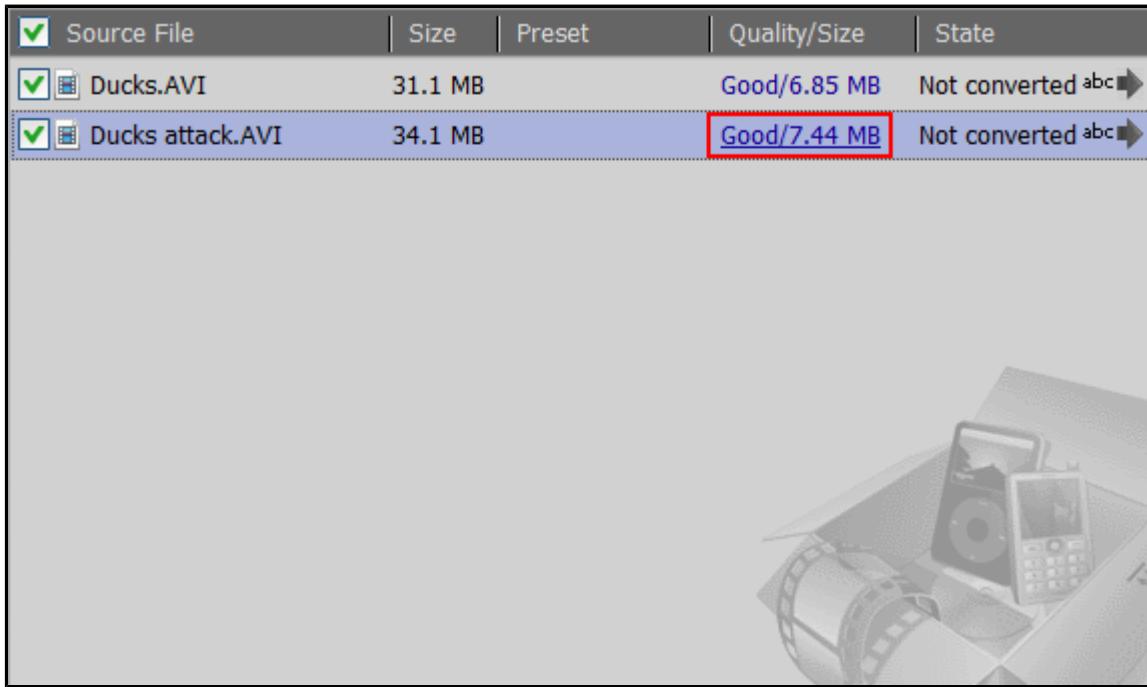
**TIP:** Custom length and time values you specify will be automatically added to the list so that you can quickly choose them afterwards.

As a result, the file will be split during the conversion.

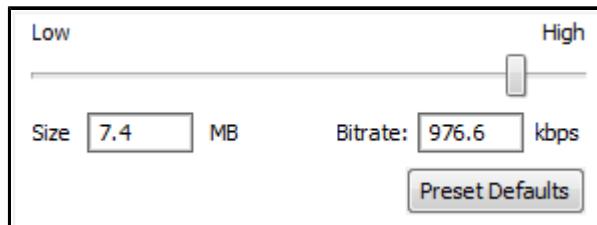
The **Quality/Size** option enables a convenient way to set a necessary level of quality for the output video or audio file and define the size of the converted file. The level of presupposed quality for every added file is specified in the **Quality/Size** column of the **List of opened files**. You can increase the quality level to get better quality or decrease it to reduce the size of the output file.

To change the quality level of a file in **Movavi Video Converter**, perform the following steps:

1. Select a file in the **List of opened files**.
2. Click on the **Quality/Size** link next to the selected file:



The following window will appear:

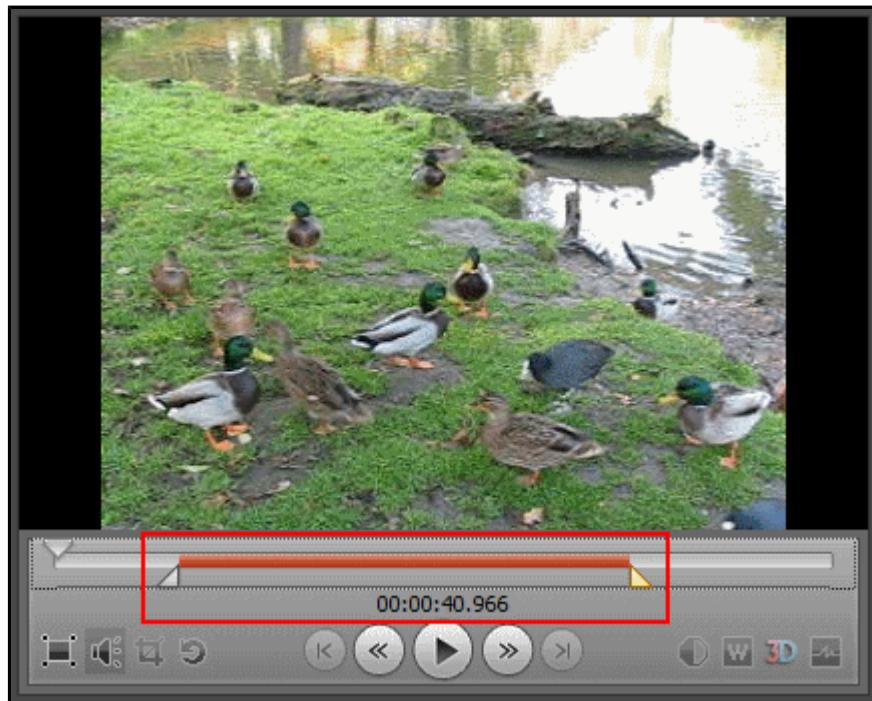


3. In the displayed window, drag the slider to increase or decrease the quality level for the file. **Movavi Video Converter** will automatically calculate the size of the output file and display the file size information in the **Quality/Size** field.

Beside converting the whole video or audio file, **Movavi Video Converter** allows you to select a specific fragment of a file that you want to convert. Converting a file fragment may be helpful if you want to get rid of some elements at the beginning or end of your video and audio file (for example, commercials) and if you are planning to create a photo gallery from your video.

To select a file fragment, do the following:

1. Select a necessary file in the **List of opened files**.
2. In the **Preview area**, move the right and the left markers of the seek slider to choose a fragment that you want to convert or from which you want to create a photo gallery. The time below the controls shows the time from the beginning of the file.



**Movavi Video Converter** allows you to edit audio properties of a video file as well as of an audio file.

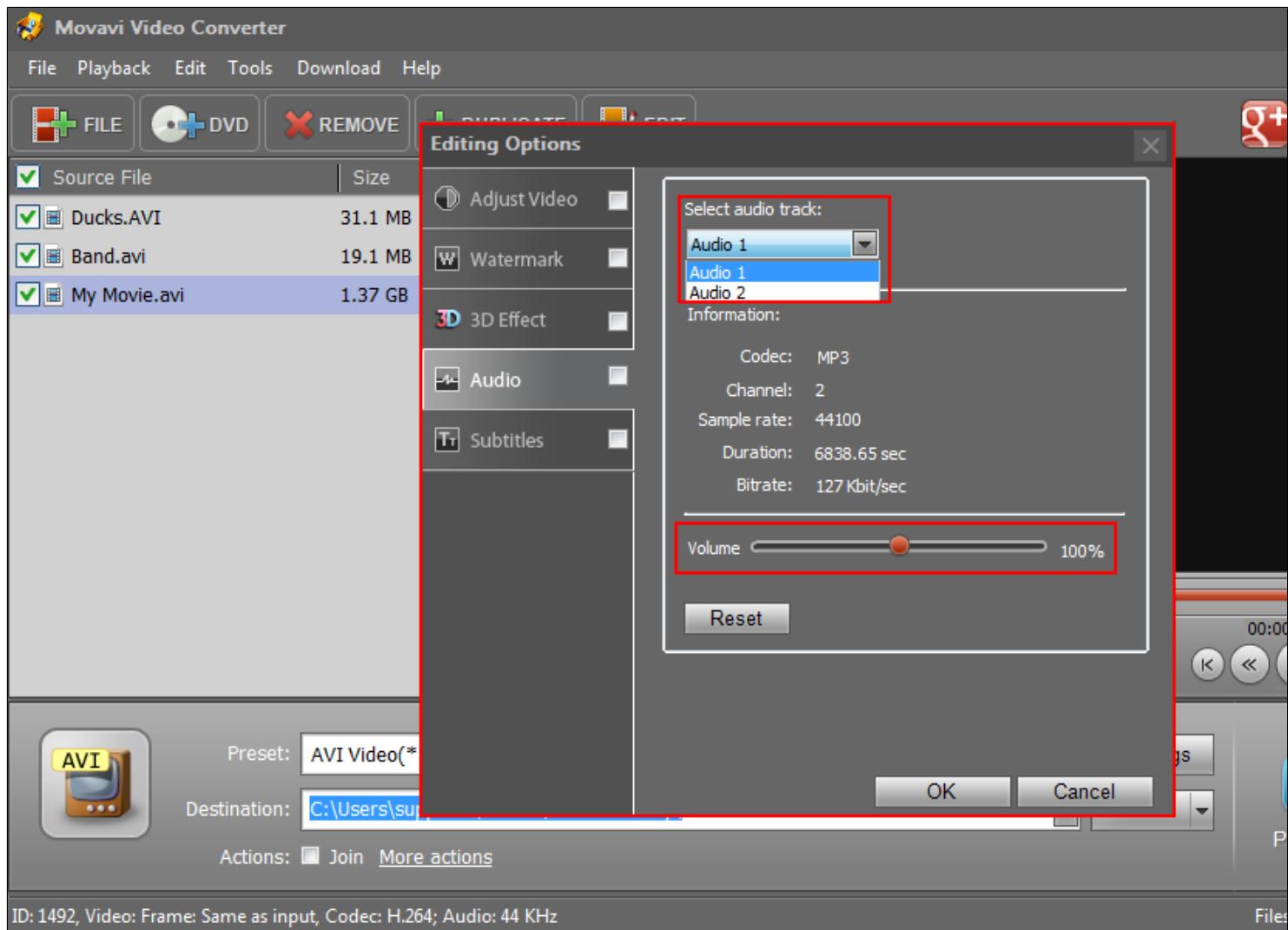
The following properties can be edited:

- you can select an output audio track (if there are several tracks in the file),
- you can change audio volume of the file.

To edit audio properties of a file, perform the following steps:

1. In the Menu bar of **Movavi Video Converter** main screen, select **Edit > Audio**.

The following window will appear:



2. Select required audio track in the respective drop-down menu.

3. Move the Volume marker to specify the required audio volume.

4. Click **OK**.

With **Movavi Video Converter**, you can convert video files, including HD video, between the most popular video formats.

To convert video files in a desired format, perform the following steps:

1. Add video or DVD you want to convert to the List of opened files. Find the detailed instructions on how to do it in the following sections: [Adding/Removing Video Files](#) and [Adding DVD](#).
2. Select checkboxes next to the video file(s) that you want to convert.
3. Edit your video before the conversion if it is necessary. Refer to the [Editing Video](#) section for instructions.
4. Choose an output format for the file. See the [Lower Frame](#) section.
5. Choose an output folder. See the [Lower Frame](#) section.
6. Click **Convert**.

**Movavi Video Converter** will convert the initial video and DVD file(s) and save them to the specified folder in the video format that you selected.

You can stop the conversion process at any time by clicking **Cancel**.

Similarly to video files, you can convert **audio** files between the most popular audio formats. To do it, you need to add an audio file to the list of files and specify the output audio format in the **Preset** area of the **lower frame**.

**Note:** You can convert several files simultaneously. Just select checkboxes opposite these files in the list of opened files.



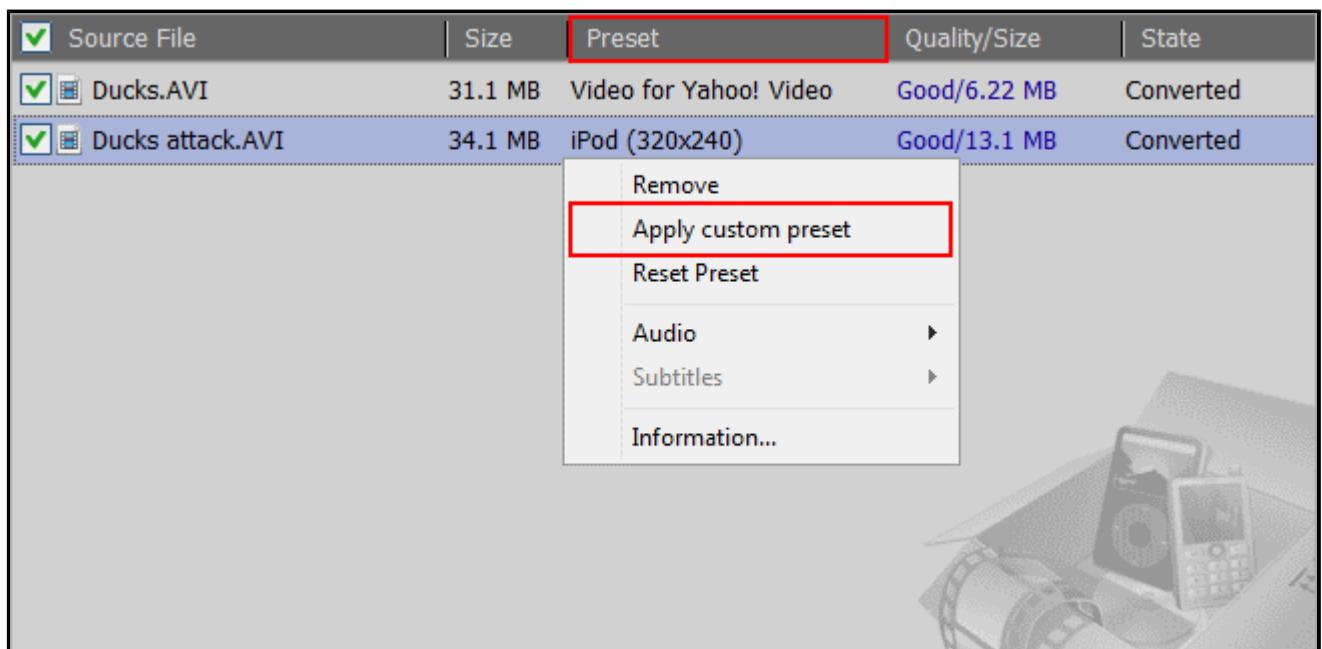
Please find the instructions on how to add 3D effect to your video in the [Adding 3D Effect](#) section.

## I.

With **Movavi Video Converter** you can convert several files to different formats simultaneously.

To convert several files to different formats at the same time, perform the following steps:

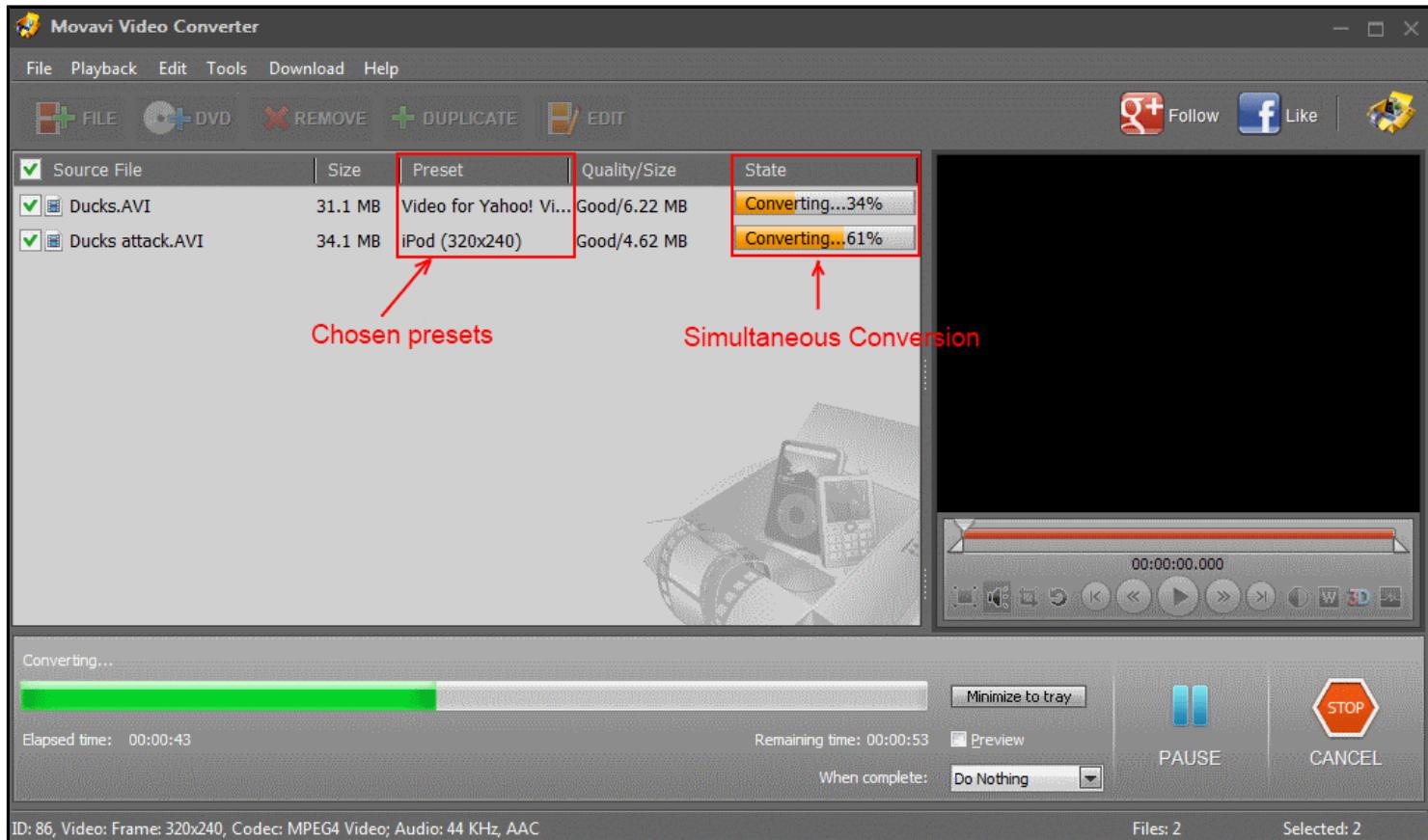
1. Add several files which you want to convert to the list of files.
2. Select one file and specify a desired format (preset) for this file in the **Preset** menu.
3. Then, in the list of files right-click that file (for which the preset was chosen) and click **Apply custom preset** in the context menu. The chosen preset will appear in the **Preset** column near this file.



Perform these steps for each file you want to convert.

The selected presets will be shown in the **Preset** column of the list of files next to each file.

3. Select a destination folder to save output files to.
4. Click **Convert**.



Thus your video will be converted to several selected formats simultaneously.

## II.

This feature will also allow you convert one file to several formats simultaneously in order to choose an optimal output file format that works best and has a better quality! To do it, you have to create several copies of the initial file and convert them to several formats.

To do it, follow the steps:

1. In the list of opened files, select a file you want to duplicate.
2. Click the **Duplicate** button in the Toolbar.

A copy of the file will be created and displayed in the list of files. You can add as many copies as you need.

3. Select a file in the list and specify desired output format (preset) for this file in the **Preset** menu.
4. Then, in the list of files right-click that file (for which the preset was chosen) and click **Apply custom preset** in the context menu.

Perform these steps for each file you want to convert.

The selected presets will be shown in the **Preset** column of the list of files next to each file.

5. Select a destination folder to save output files to.
6. Click **Convert**.

As a result, one file will be converted to several formats simultaneously.



With **Movavi Share Online** application you can upload converted video right from **Movavi Video Converter** to **YouTube** and **Facebook** in three mouse clicks.

**Note:** **Movavi Share Online** application is not included into the **Movavi Video Converter** installation package by default. This application will be downloaded and installed on your computer after the first launch of **Movavi Share Online** service from **Movavi Video Converter** main window.

**Movavi Video Converter** allows you to upload your video directly to YouTube and Facebook services right after conversion.

## I. YouTube

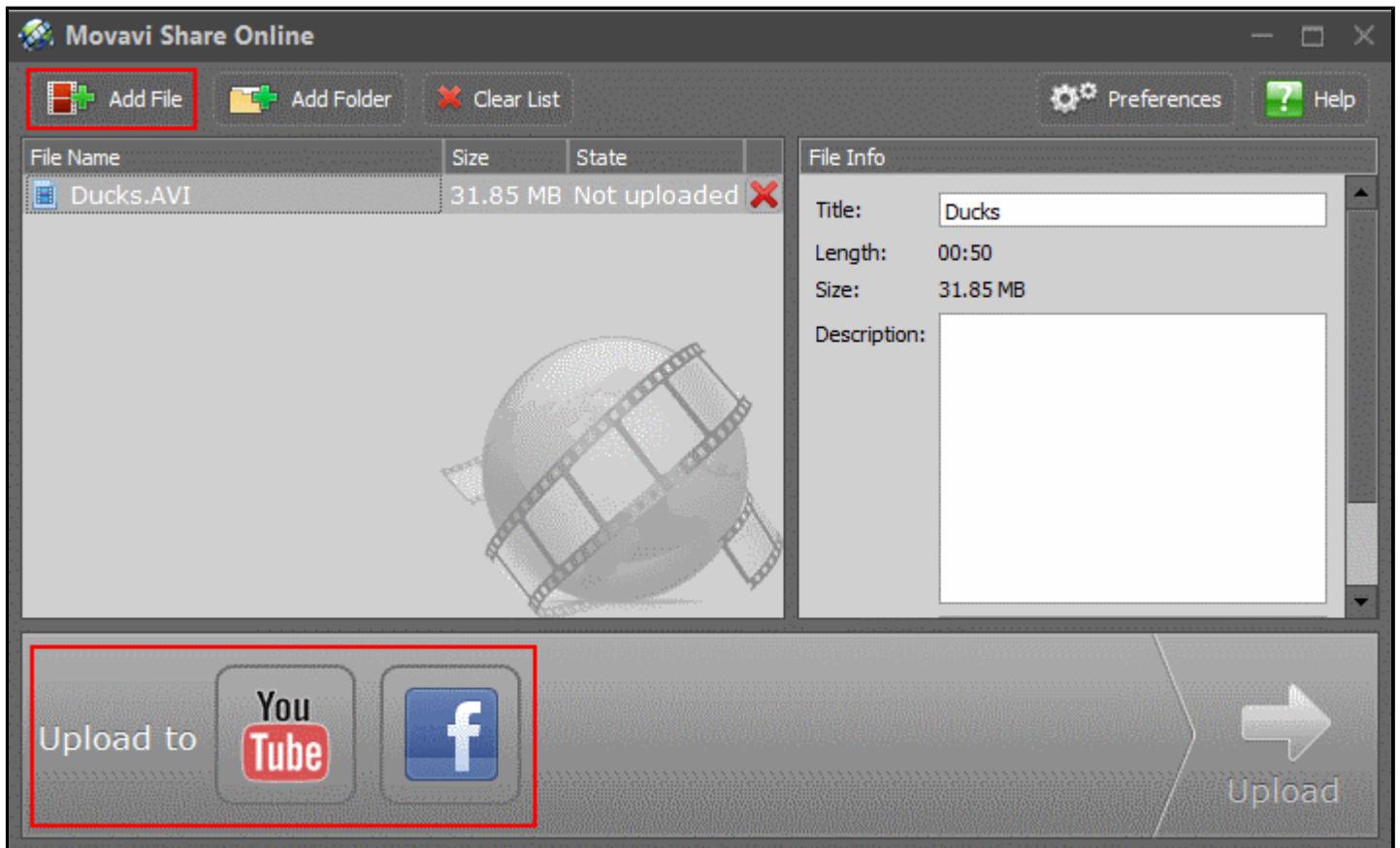
To upload converted video right from **Movavi Video Converter** to **YouTube**, follow these instructions:

**Note:** In order to upload video to **YouTube**, you should be logged in YouTube and should have your personal channel there.

1. In **Movavi Video Converter** go to the Menu bar.

2. Click **Tools > Share Online**.

The **Movavi Share Online** application window will appear:



3. Add a file you want to upload to YouTube by clicking the **Add File** button.

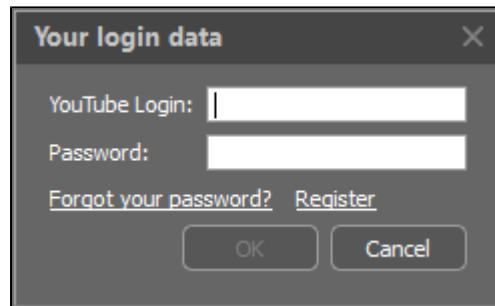
4. Select the file in the list by clicking on it.

5. In the **File Info** area enter a title and description of the video.



6. Click on

7. Enter your YouTube login data:



## 8. Click **Upload**.

**Note:** YouTube service has a limitation on video duration. You can upload video not longer than 15 minutes.

## II. Facebook

Use the same instructions for uploading video to **Facebook** service. In the **Movavi Share Online** application window, click



on  and log in to your Facebook account. After that add your video by clicking the **Upload** button.

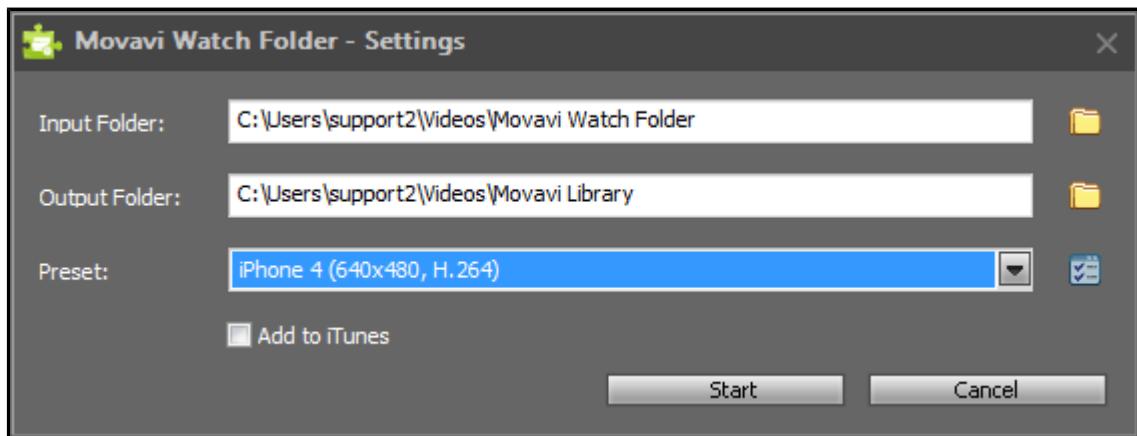
**Note:** Facebook service has a limitation on video duration. You can upload video not longer than 20 minutes.

**Movavi Video Converter** allows you to automate conversion of media files appearing on your computer with **Movavi Watch Folder** application.

You need to specify a folder in the **Movavi Watch Folder** application, so after that all videos appearing in this folder will be converted automatically.

Follow the steps to set up **Movavi Watch Folder** application:

1. In **Movavi Video Converter** click **Tools > Watch Folder**. The following window will be opened:



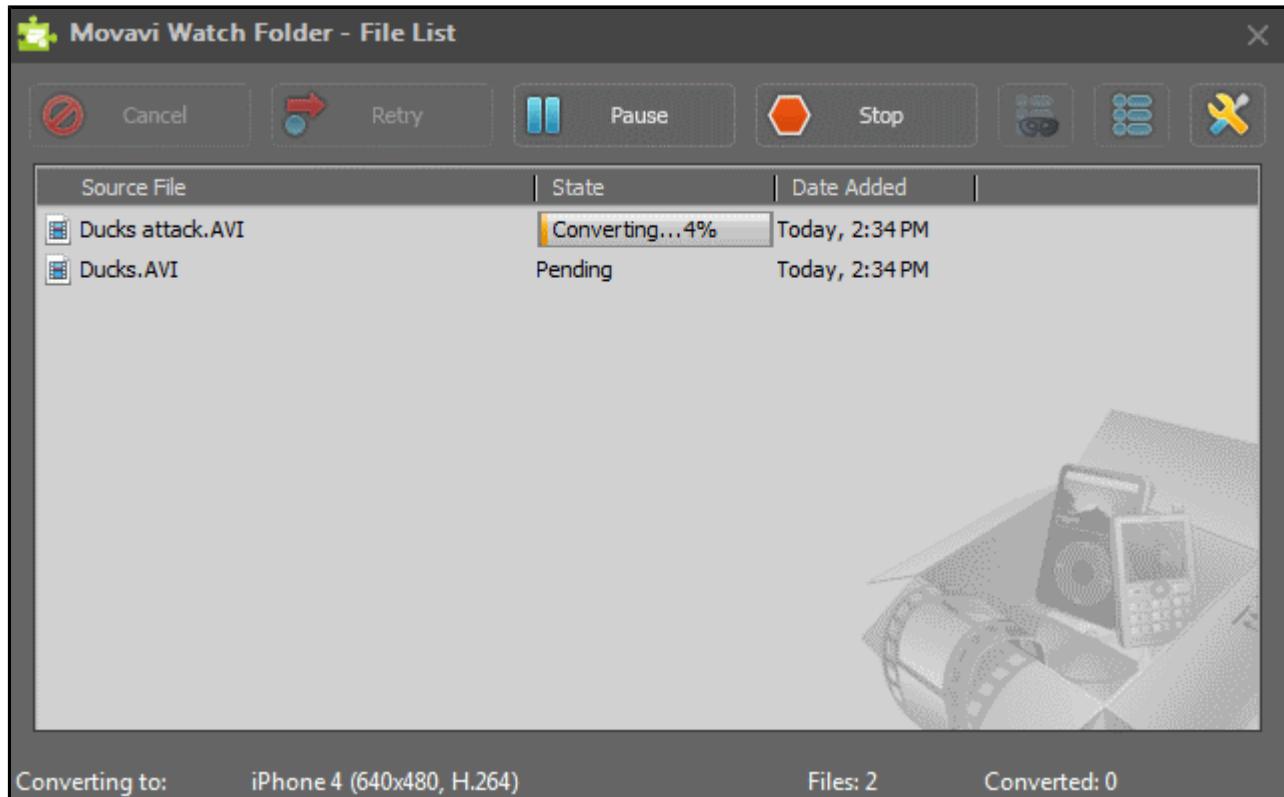
2. Enter a path to the folder manually or click  and select a folder on your computer.

- **Input Folder** - files appeared in this folder will be converted automatically. It might be your Download folder, or a folder for captured video.
- **Output Folder** - converted files will be saved to this folder.

3. In the **Preset** field click  and select a format (preset) in which files will be converted to.

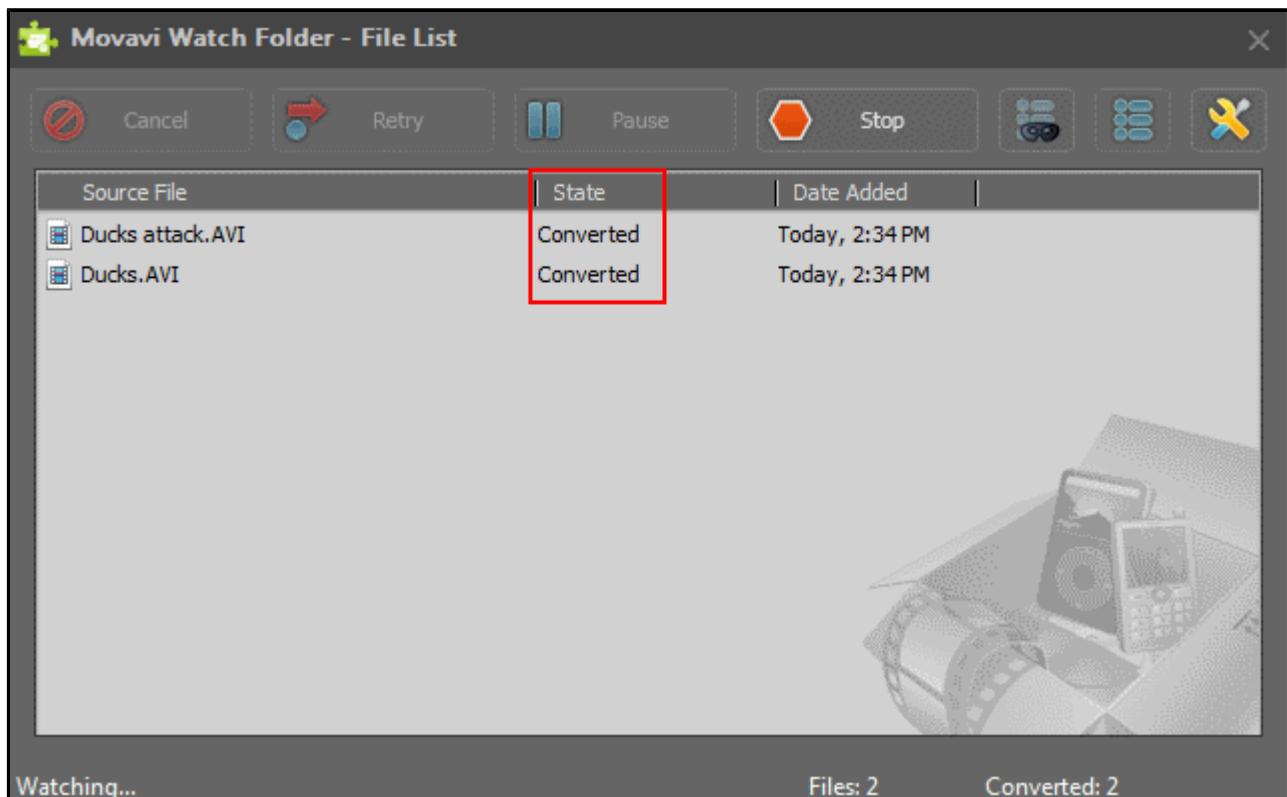
4. Click **Start**.

After the application is started, the  icon will appear in the tray. Clicking this icon **Movavi Watch Folder File List** window will be opened:



Right after the files appear in the Input Folder, they will be displayed in the **Movavi Watch Folder File List** window and will start converting immediately. At that moment they will have *Converting* and *Pending* state in the **State** column.

After they are converted, they are still displayed in the File List, but now they have the *Converted* state:



You can stop or pause conversion process by clicking the respective buttons in this window.



With **Movavi Video Converter**, you can convert video files, audio files and DVD to PSP compatible format and import ready files to your device so that you can play them on your PSP.

To convert file(s) to PSP compatible format, perform the following steps:

**1.** In **Movavi Video Converter** Menu bar click **File** and select the **Add File** option, or click the **File** button on the toolbar, or the **DVD** button to add DVD.

**2.** If you want to convert only a part of a file, select the file in the list, and then select a fragment by moving the right and left markers on the seek slider in the **Preview Area**.

Learn more in the [Choosing Fragment to Convert](#) section.

**3.** In the **Preset** drop-down menu select an output format for the file: click  and select one of the available PSP compatible presets.

**Tip:** If you are not sure what format and preset will be best for a particular device, you can try all available presets and then select the one that works best. For details, refer to the [Batch Conversion](#) section.

**4.** In the **Destination** field specify a folder to save converted video to.

**5.** Click the **Convert** button.

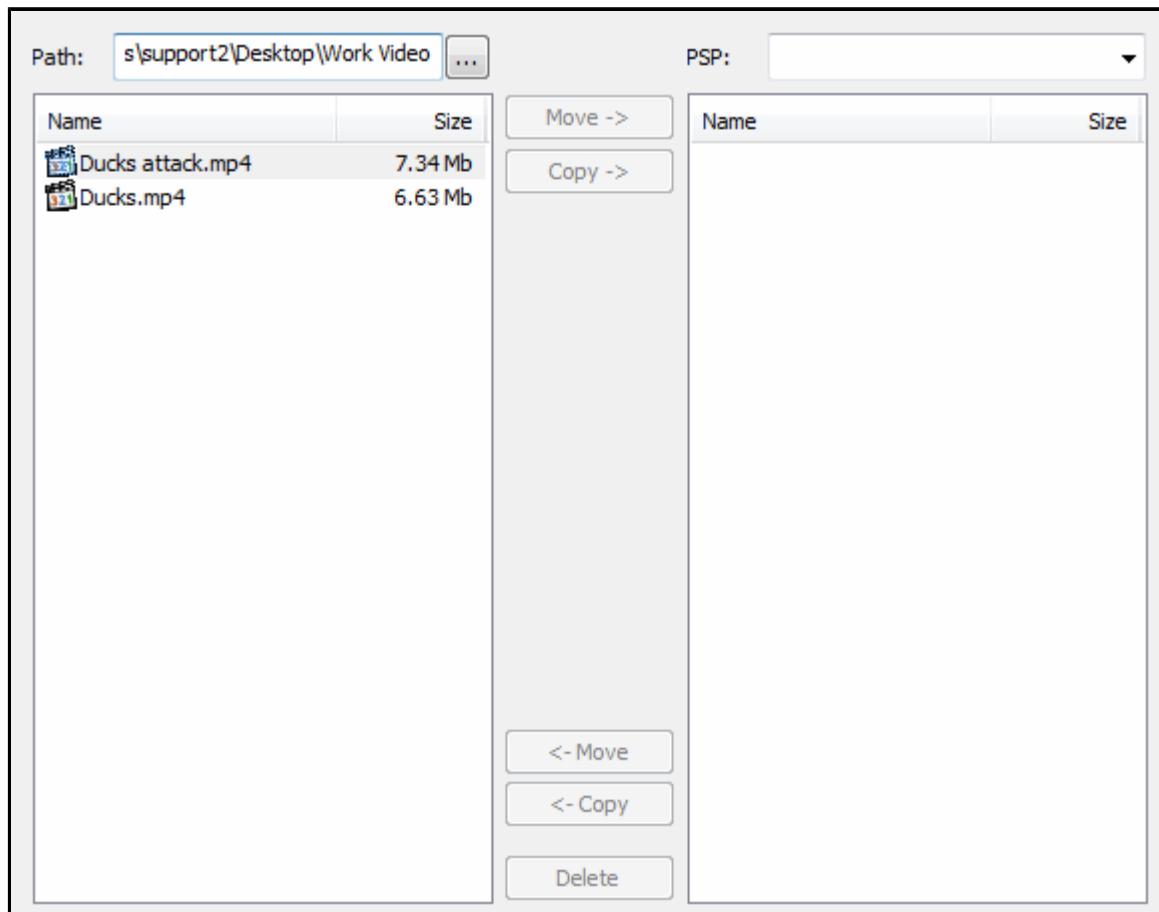
The conversion process will start.

To upload converted files to your PSP:

**1.** Attach your PSP to your computer.

**2.** Select **Tools > PSP Uploader** to start the application.

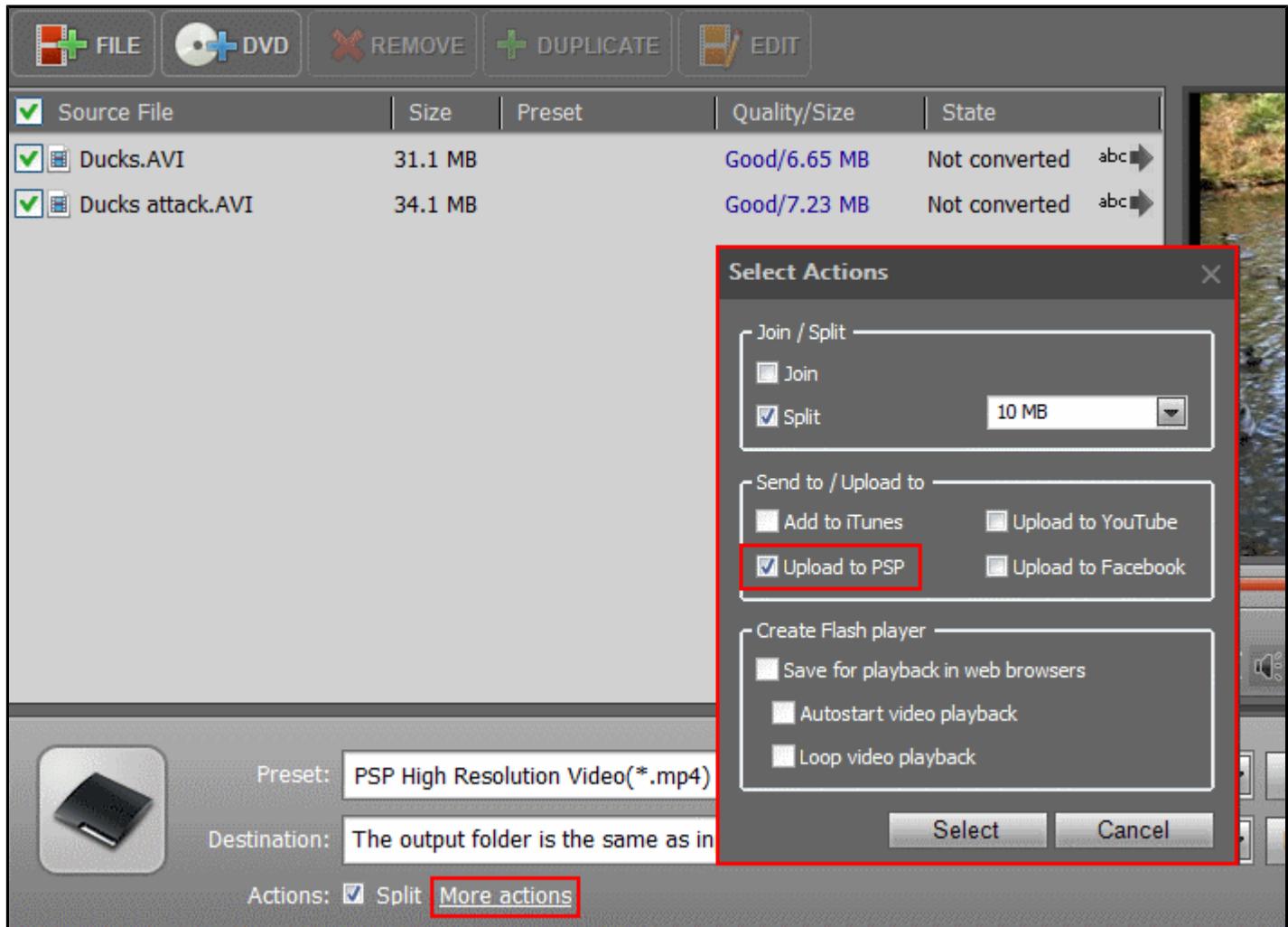
**3.** In the **Path** field of PSP Uploader application browse the path where converted files are located. After that they will appear in the application list of files:



4. In the **PSP** field select a device from the drop-down list.

5. Click **Move** to start the transfer to the PSP. Please keep in mind that the original file will be automatically deleted from the computer. To save a copy of the file on the computer, click **Copy**. The copy of your video will be uploaded to PSP.

**Note:** PSP Uploader can be launched automatically upon the completion of the conversion. Before clicking the **Convert** button, open the **More actions** link in the lower frame of **Movavi Video Converter**, and select the **Upload to PSP** checkbox.



As a result, PSP Uploader application will be opened automatically upon the conversion completion.

**Movavi Video Converter** allows you to upload converted video to iTunes automatically upon the completion of the conversion.

To do it, follow these steps:

1. Add the file to convert in the list of opened files. See the [Adding/Removing Files](#) section.
2. In the **Preset** field select the output file format (preset).
3. In the **Destination** field, browse the folder to save converted file to.
4. Open the **More actions** link in the lower frame of **Movavi Video Converter**.
5. Select the **Add to iTunes** checkbox.
6. Click **Select**, and then click **Convert**.

As a result, the converted file will be added to your iTunes.

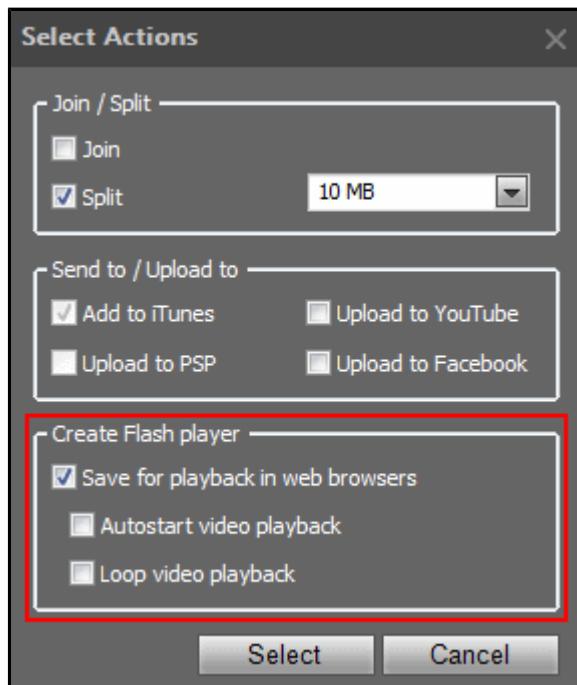
**Movavi Video Converter** allows you to convert your video files to Flash and automatically embed the output files to HTML.

To convert your video to the **.swf** file format, follow these steps:

1. Add the file to convert in the list of opened files. See the [Adding/Removing Files](#) section.
2. Select one of available **SWF** presets in the **Preset** drop-down menu.
3. Click **Convert**.

To create a HTML with embedded video, follow the instructions:

1. Add the file to convert in the list of opened files. See the [Adding/Removing Files](#) section.
2. Select the **FLV** (Flash Video) format from the **Preset** drop-down menu.
3. Click the **More Actions** link at the bottom of **Movavi Video Converter** window.
4. Select the **Save for playback in web browsers** checkbox:



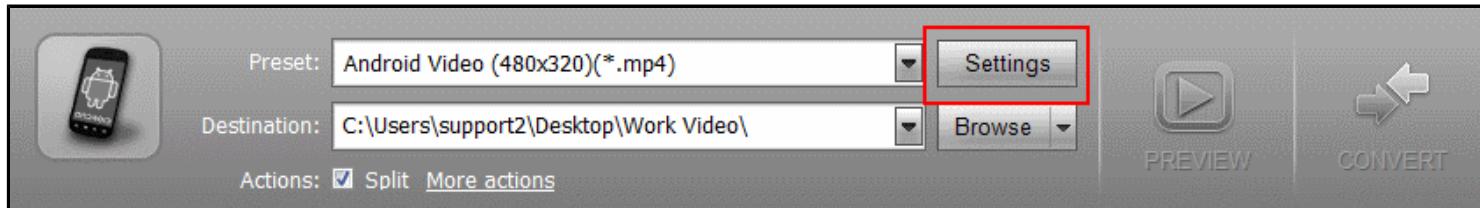
5. Click **Select**.
6. Click **Convert**.

In the output folder you will find the folder having the same name as the original video file and containing the converted file itself (**.flv**), as well as the HTML document with your video already embedded in it.

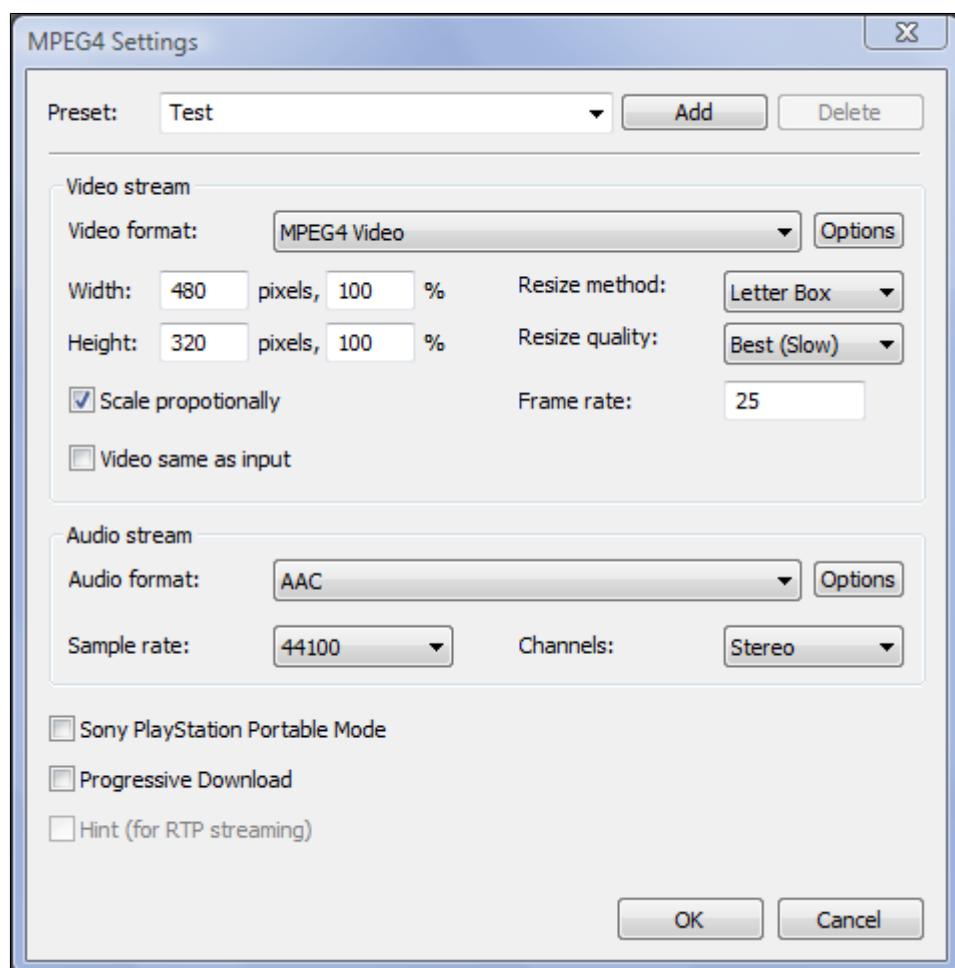
**Important:** The default Movavi presets can not be modified. You can edit presets added by yourself only.

To add a custom preset to the list of presets, do the following:

1. In the lower frame of **Movavi Video Converter** click on the **Settings** button:



2. Enter a name for the preset in the **Preset** field:



3. Click the **Add** button. After that the button name will be changed to **Change**.

4. Specify new parameters (they can differ depending on the file type).

5. Click the **Change** button.

6. Click **OK**.

As a result, the new preset will appear in the **Preset** field. Now you can start converting your file(s) to a custom file format.

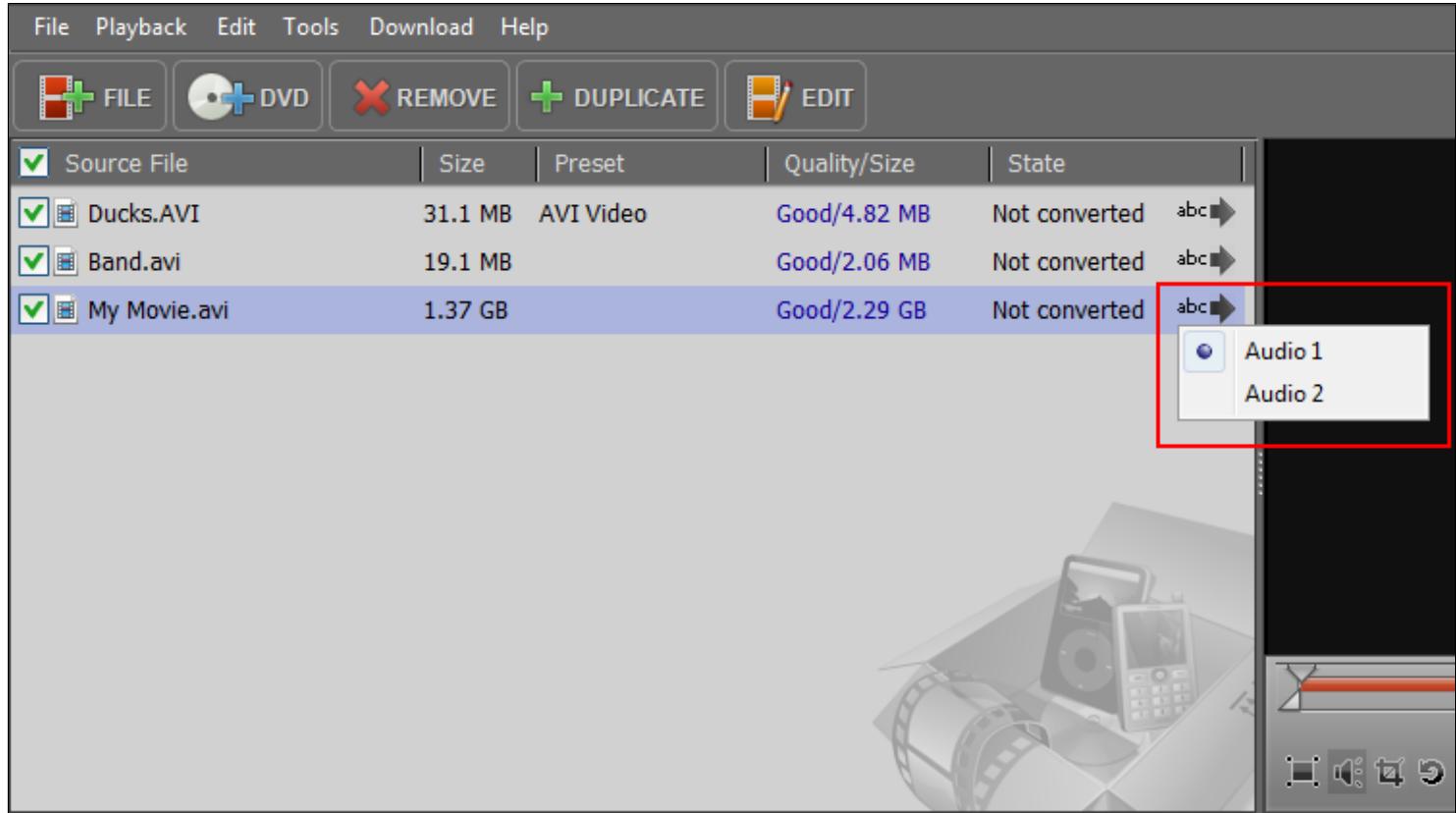
## I. Audio Tracks

If there are several audio tracks in your video file, only one of them can be included to the converted video file. So you have to select one audio track to include it to the converted file.

**Note:** If there is only one audio track in the video file, it will be included to the conversion by default.

To select an audio track from the list of available ones, follow the steps:

1. Click on the arrow icon  next to your video file in the list of opened files. The list of existing audio tracks will appear:



2. Select one audio track by clicking on it.

As a result, selected audio track will be included to the converted file.

## II. Subtitles

If there is DVD file in the list of files for conversion, it may contain several subtitles tracks. You have to select one subtitle track similarly.

**Movavi Video Converter** provides hardware acceleration support by using the [NVIDIA CUDA and Intel HD Graphics technologies](#).

## I. Support of Intel Media Technologies

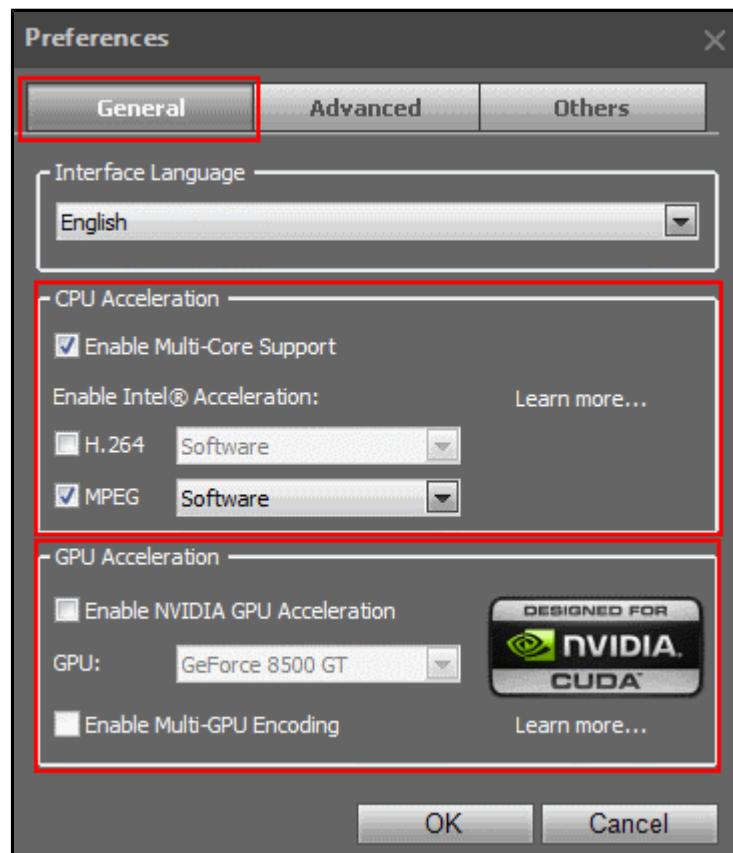
Using **Intel HD Graphics** provides you more efficient parallel task processing on multi-core processors. This also allows you to speed up video conversion up to 10 times. **Intel HD Graphics** support accelerates processing of video on Intel Core i3, Intel Core i5 and Intel Core i7 processors.

## II. Support of NVIDIA® CUDA™

Using **NVIDIA® CUDA™** provides video decoding/encoding acceleration on a CUDA-enabled graphics card GPU (Graphics Processing Unit) up to 5x. As **Movavi Video Converter** shifts video processing from your computer's CPU to NVIDIA's GPU, your computer's CPU will be fully available for use by other tasks.

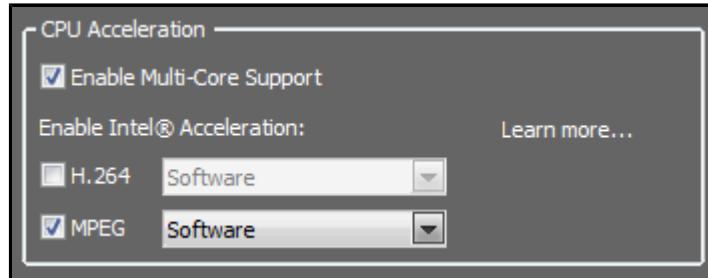
For information on supported file formats and codecs refer to the [Hardware Acceleration Support](#) section.

To enable **CPU or GPU Acceleration** support in **Movavi Video Converter**, go to **Edit > Preferences**. The **Preferences** dialog box will open:



In the **General** tab the following areas are available:

- **CPU Acceleration**



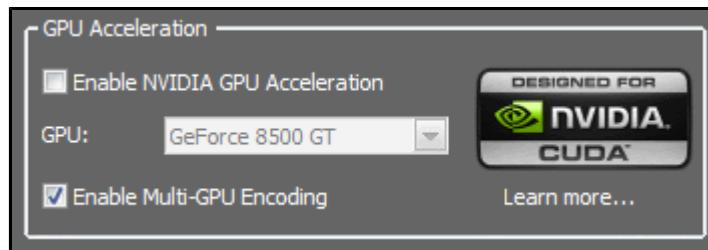
**Enable Multi-Core Support** - Select this checkbox if you have Intel multi-core processor. This will allow you to accelerate processing of files in **Movavi Video Converter**.

**Enable Intel® Acceleration** - This option is supported for the following file formats: **H.264** and **MPEG**. If you use these formats for a conversion, select corresponding checkboxes to accelerate processing of such files in **Movavi Video Converter**.

If **Intel®** hardware is installed on your computer, it will automatically be detected by **Movavi Video Converter** so that **CPU Acceleration** checkboxes will be selected by default and the **Hardware** option will be chosen in the drop-down menu by default. If you are not going to convert **H.264** and **MPEG** files, it is recommended to clear these checkboxes!

If **Intel®** hardware is not installed on your computer, you can still use **Intel®** acceleration possibility. In that case the **Software** option will be displayed by default in the drop-down list. It is recommended to use this type of acceleration for the **MPEG2** codec. Note, that this type of acceleration is not recommended for the **H264** codec.

- **GPU Acceleration**



**Enable NVIDIA GPU Acceleration** - If there is **NVIDIA Cuda graphics** card on your computer, select this checkbox to accelerate processing of files in **Movavi Video Converter**.

**Enable Multi-GPU Encoding** - If there are several video cards on your computer, select this checkbox to use all your cards for conversion speed up.

**GPU** drop-down menu - select a video card from the drop-down menu.

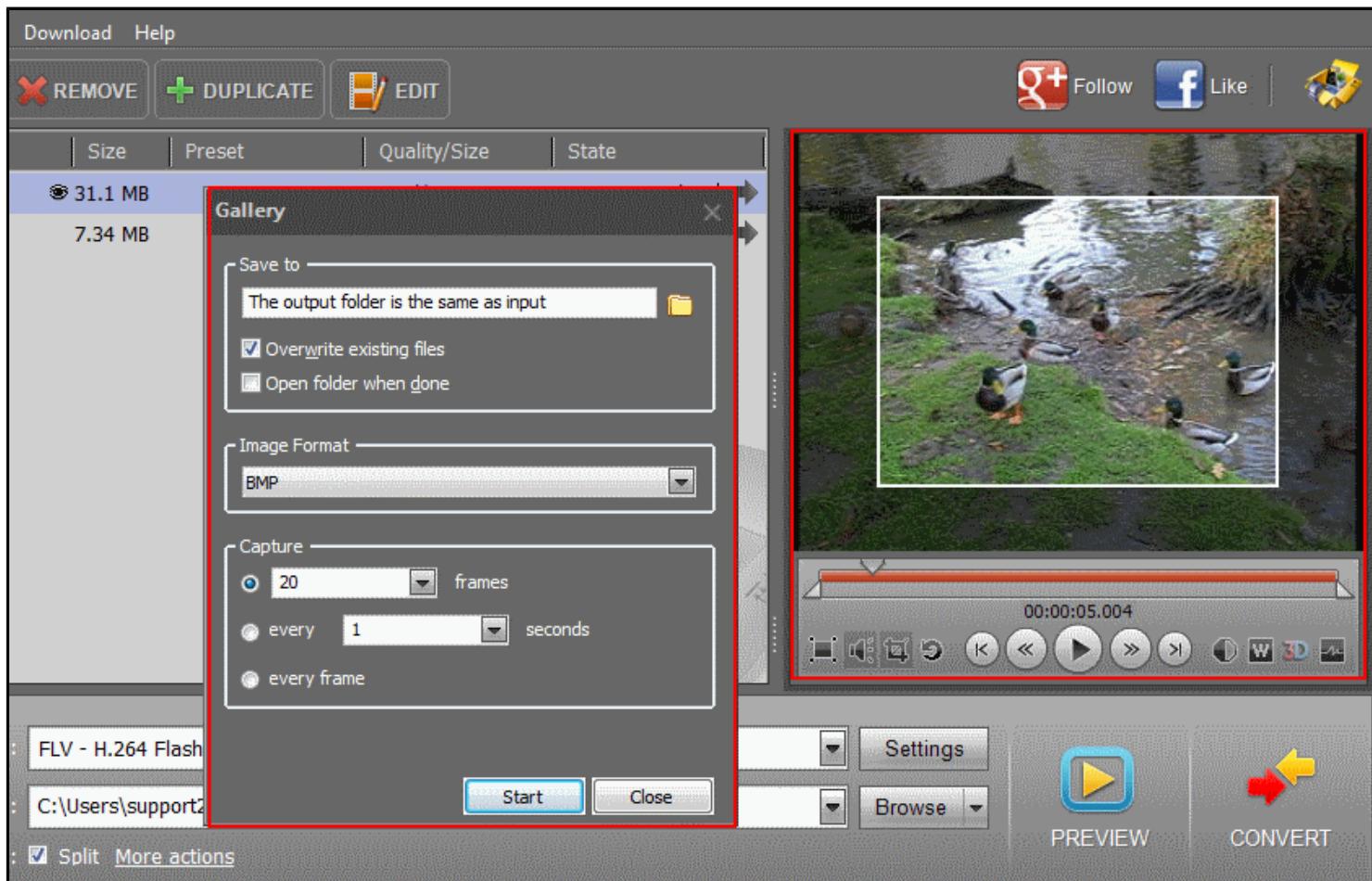
**Note:** If there is only one powerful GPU on your computer or there is one video card with two GPU, the multi-GPU technology will be disabled.

**Note:** After **NVIDIA® CUDA™** activation, **Movavi Video Converter** will automatically define formats supported by CUDA and add CUDA powered icons to the corresponding presets.

**Movavi Video Converter** allows you to automatically capture frames of your video and save them as image files. This feature lets you automatically create photo galleries from any video or DVD.

To capture an image from the video, follow the steps:

1. Select the necessary video or DVD in the list of opened files. See the [Adding/Removing Files](#) section.
2. Define a video fragment you want to capture frames from by setting the left and right markers of the seek slider. See the [Choosing Fragment to Convert](#) section.
3. Go to **File > Gallery**. The **Gallery** window will be opened:



4. In the **Save to** area, specify a folder where captured frames will be saved:

- Select **Overwrite existing files** to save images in the folders with the name of a current video file. All previously captured pictures in that folder will be deleted.
- Select **Open folder when done** to open the folder with saved images upon the completion of the capturing process.

5. In the **Image Format** area, select a necessary image format.

6. In the **Capture** area, choose one of two ways to automatically capture images:

- Number of pictures for the selected video fragment. The number can vary from 1 to 300 frames. Select a corresponding option button and choose a value from the list or set it manually.
- Time interval to capture a picture. The interval can vary from 1 to 30 seconds. Select a corresponding option button and choose a value from the list or set it manually.

## 7. Click **Start**.

You can stop the capturing process at any time by clicking the **Close** button.  
All frames that have already been captured will be saved to the specified folder.



You can choose a media file for conversion right from **Windows Explorer**:

1. Right-click on the necessary media file.
2. Select the **Movavi Convert to...** option in the context menu.



**Movavi Video Converter** Command Line is a console-based application which allows advanced users to convert media files between formats without GUI via scripts or third-party applications either on schedule or on demand.

**Note:** **Movavi Video Converter** contains the trial version of **Movavi Video Converter** Command Line.

The commands should be typed after starting the command-line application. Some commands have arguments, which are typed after the command itself. In general, the syntax is as follows:

```
mvcc1 (/option1 [argument1] /option2 [argument2] ....
```

Examples:

### Conversion of entire DVD, DVD folders or single IFO files

```
mvcc1 /dvd <path_to_VIDEO_TS> [/dvdaudio <audio_track_number>] [/dvdsub  
<subtitle_track_number>] /output <path_to_folder> /preset <preset_id> [/cuda] [/  
multicore] [/overwrite] [/progress] [/log <path_to_file>] [/quiet]
```

### Conversion of a single DVD title

```
mvcc1 /dvd <path_to_VIDEO_TS> /dvdtitle <title_number> [/dvdaudio <audio_track_number>] [/  
dvdsub <subtitle_track_number>] /output <path_to_folder> /preset <preset_id> [/cuda] [/  
multicore] [/overwrite] [/progress] [/log <path_to_file>] [/quiet]
```

### Media file conversion

```
mvcc1 (/file <path_to_file> | </folder path_to_folder>) (/output <path_to_folder> | /  
outputfile <path_to_folder>) /preset <preset_id> [/cuda] [/multicore] [/overwrite] [/  
progress] [/log <path_to_file>] [/quiet]
```

The enumeration of DVD titles, subtitles and audio tracks starts with 0.

For example,

If a DVD has two subtitles, their numbers are 0 and 1.

The 5th file on a DVD will be the 4th.

**Note:** You can specify one key for /file, /folder or /dvd options.

**Note:** To convert and save each DVD title as a separate file in a folder, specify the path to the destination folder with the /output option.

### Return Code

Codes returned by **Movavi Video Converter Command Line** when the conversion is processed.

- **0** - Converted successfully.
- **1** - The program has been compromised.
- **2** - No such file or directory.
- **3** - Internal error.
- **4** - The preset has not been found.
- **5** - I/O error.
- **12** - Not enough memory.
- **22** - Invalid argument.
- **28** - No enough space on the hard drive.
- **29** - Conversion error.
- **30** - Invalid conversion settings.

- **31** - The conversion has been interrupted by the user.
- **32** - The trial period has been expired.
- **33** - Copy-protected DVD.

Command	Result
/h /?   /help	Displays help
/version	Displays the version information
/dvd <path_to_VIDEO_TS>	Specifies path to VIDEO_TS folder or to .IFO file
/dvdtitle <title_number>	Specifies the number of a DVD title, which you want to convert
/dvdaudio <audio_track_number>	Specifies DVD audio track
/dvdsub <subtitle_track_number>	Specifies DVD subtitles
/file <path_to_file>	Sets the path to a source file for conversion
/folder <path_to_folder>	Sets the path to folder with source files. All files from this folder and subfolders will be converted
/output <path_to_folder>	Sets the path to folder where converted files will be stored
/outputfile <path_to_folder>	Sets the path to an output file (can be used if only one file is converted)
/flist <path_to_file>	Sets the path to a file with the list of conversion files, each string can contain only one file name
/preset <preset_id>	Defines the conversion preset. To learn the preset ID, run Movavi Video Converter and choose the preset you need - the preset ID will be shown in the status bar of the program window

/cuda	Enables CUDA (disabled by default)
/multicore	Enables multi-core support (disabled by default)
/overwrite	Overwrites existing files (disabled by default)
/progress	Shows conversion progress (disabled by default)
/log <path_to_file>	Keeps conversion logs to the specified file
/quiet, /silent	Works in silent mode without any notifications or error messages (disabled by default)



The fully-functional version of **Movavi Video Converter** Command Line application is available in the Server License of **Movavi Video Converter**.

Upon purchasing **Movavi Video Converter** Server License, you will receive two activation keys, for the product itself and for the Command Line application.

To activate **Movavi Video Converter Command Line** application, follow these instructions:

1. Open Windows **Start** menu.
2. Click **Run**.
4. Type the `mvcc1 /register` command.
5. Enter the activation key into the corresponding field of the **Activate Movavi Video Converter** dialog box.

You can always check if the activation was successful by typing `mvcc1 /version` in the command line.



**Movavi Video Converter** supports almost all popular video and audio formats.

In **Movavi Video Converter** you can edit, convert, play, split, rotate, etc. any video you need.

## 3GPP/3GPP2 Mobile Video Format

**3GPP** and **3GPP2** are the new standards for creation, delivery and playback of multimedia over 3G mobile networks. Both 3GPP and 3GPP2 seek to provide uniform delivery of rich multimedia over 3G mobile networks to a new breed of multimedia-enabled wireless devices. Tailored to the unique requirements of mobile devices, 3GPP and 3GPP2 are based on MPEG-4, the standard for delivery of video and audio over the Internet.

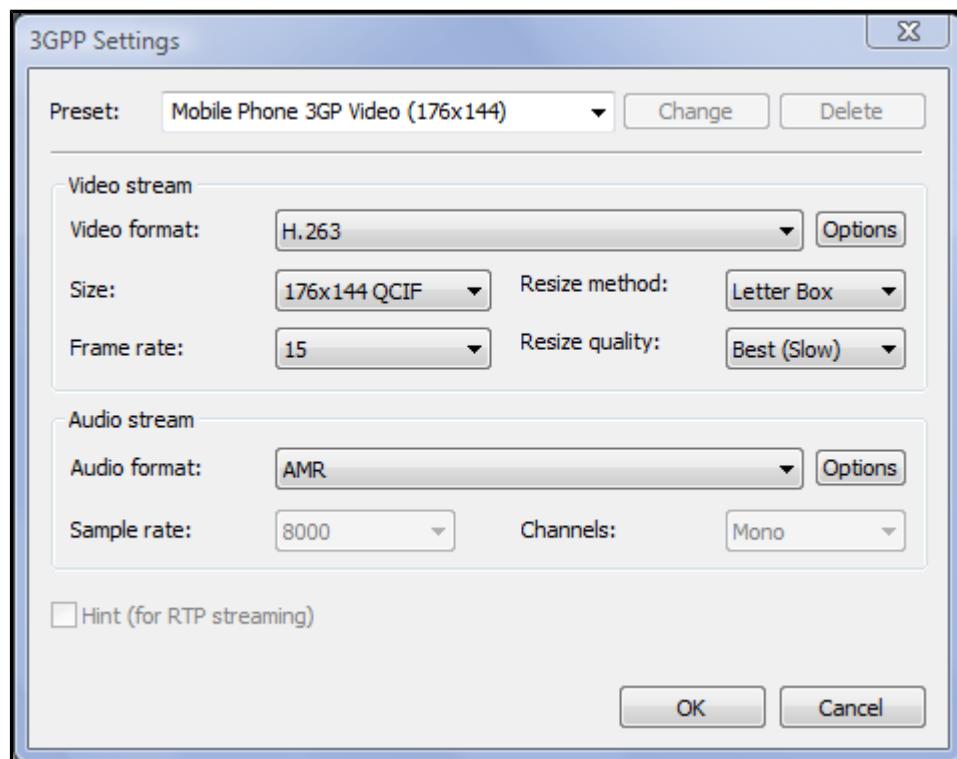
### Difference between **3GPP** and **3GPP2**

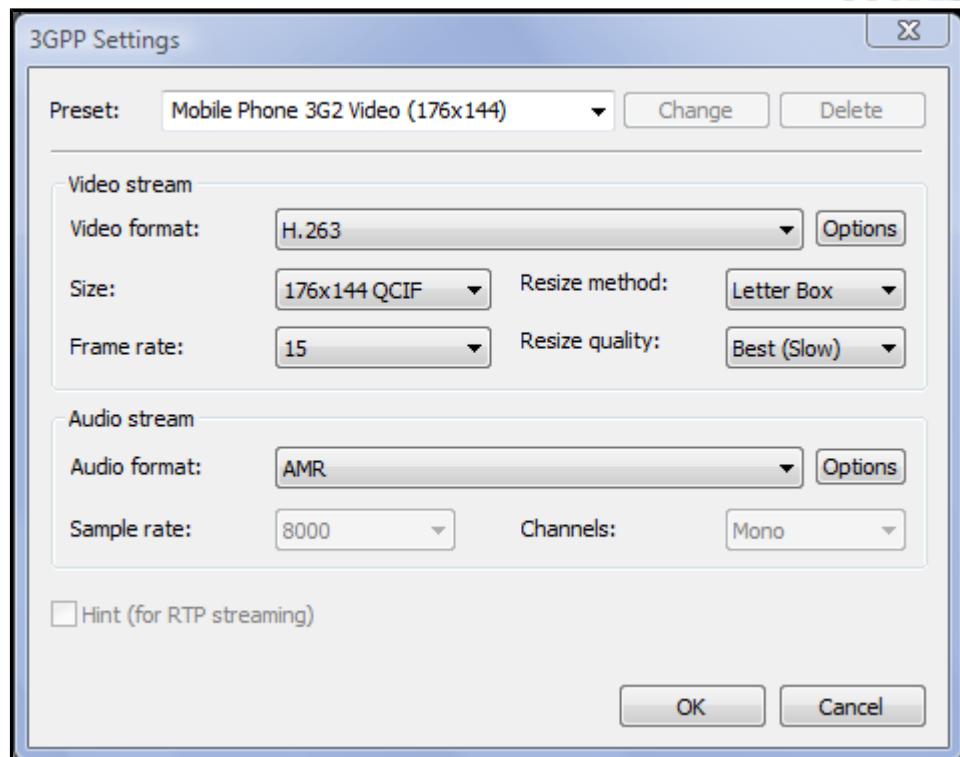
**3GPP**, 3rd Generation Partnership Project (3GPP), was created for using in the *Global System for Mobile Communication (GSM)* networks, the most popular type of 3G network across the globe.

**3GPP2** was created for using on the second most predominate type of 3G network, - *Code Division Multiple Access (CDMA) 2000*.

The **3GPP** and **3GPP2** formats are very similar, as both are based on the QuickTime file format and contain MPEG-4 and H.263 video, AAC and AMR audio, and 3G Text. **3GPP2** adds the option to use QCELP audio and Movie Fragments, a technology that allows multimedia content to be delivered incrementally over standard TCP wireless networks providing a more immediate viewing experience for the end user.

### 3GPP/3GPP2 Preset Settings in Movavi Video Converter:







## ASF (Advanced Streaming/Systems Format)

**Advanced Streaming Format (ASF**, later renamed into Advanced Systems Format) is Microsoft's proprietary digital audio/digital video wrapper especially meant for streaming. ASF is a part of the Windows Media framework.

The format does not specify how the video or audio should be encoded but instead just specifies the structure of the video/audio stream. That means that ASF files can be encoded with basically any audio/video codec and still would be in **ASF** format.

**ASF** files can also contain objects representing metadata such as an artist, title, album and genre for an audio track, or the director of a video track much like the ID3 tags of MP3 files.

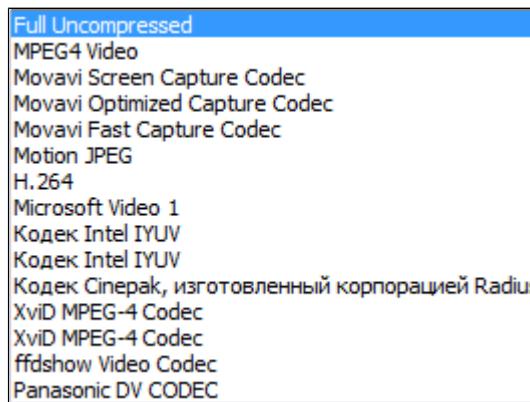
With **Movavi Video Converter** you can edit **ASF** files and convert them to **AVI**, **MPG (DVD, VCD, SVCD)**, **WMV**, **WAV**, **MP3** formats.

## AVI video format

**AVI**, a short for Audio Video Interleave, is a file format designed to store both audio and video data in a standard package to allow its simultaneous playback. Created by Microsoft in November 1992, AVI is one of the most commonly used video formats. A variation of the **AVI** format, called **DV AVI**, is used to create Digital Video that can be transferred without loss of quality between computers and camcorders.

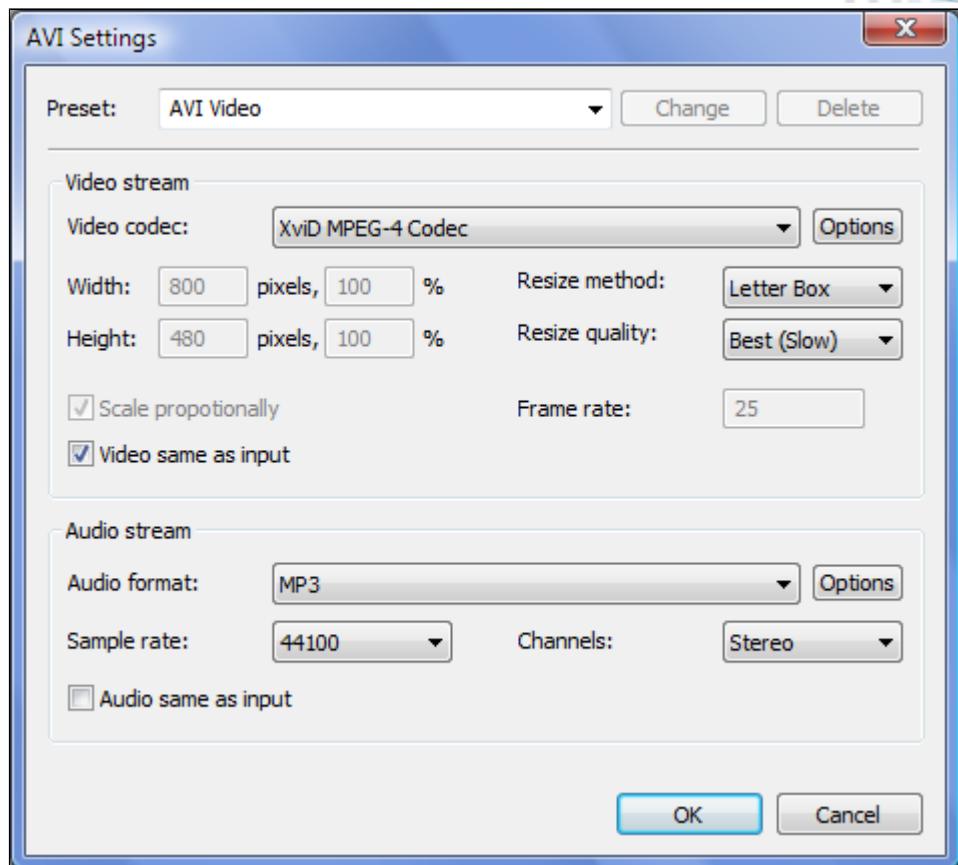
With **Movavi Video Converter** you can convert **AVI** files to **MPEG (DVD, VCD, SVCD), WMV, WAV, MP3** formats. Or you can convert **MPEG, WMV, MOV, ASF** format files to **AVI** format.

**AVI** (unlike other formats like MP3 or JPEG) is a container format. It can contain compressed video using many different combinations of codecs. So while MP3 and JPG can only contain a certain kind of compression, an AVI file can be compressed by all the following codecs:



**AVI** format is dependent upon "codecs" (an acronym for compressor / decompressor). Codecs serve two purposes: they tell your computer how to encode (or compress) a video file when you save the file, and they tell your computer how to decode (or play) the file when you open the file. Since the same codec is used for both compressing and playing the file, the choice of which codec to use is extremely important. If the codec you use to compress your file is not installed on your user's computer, your user will not be able to play the video.

**Preset Settings in Movavi Video Converter:**



## **DAT (VCD, SVCD) format**

**DAT (VCD, SVCD)** - Video CD (abbreviated as VCD, and also known as View CD, Compact Disc digital video) is a standard digital format for storing video on a Compact Disk. VCDs are playable in dedicated VCD players, most modern DVD-Video players, personal computers, and some video game consoles.

With **Movavi Video Converter** you can convert **DAT** files to **FLV, AVI, MPEG (DVD, VCD, SVCD), MPEG4 (iPod, MP4), 3GPP, 3GPP2, MOV, WMV, RM, WAV, MP3, WMA** video formats.

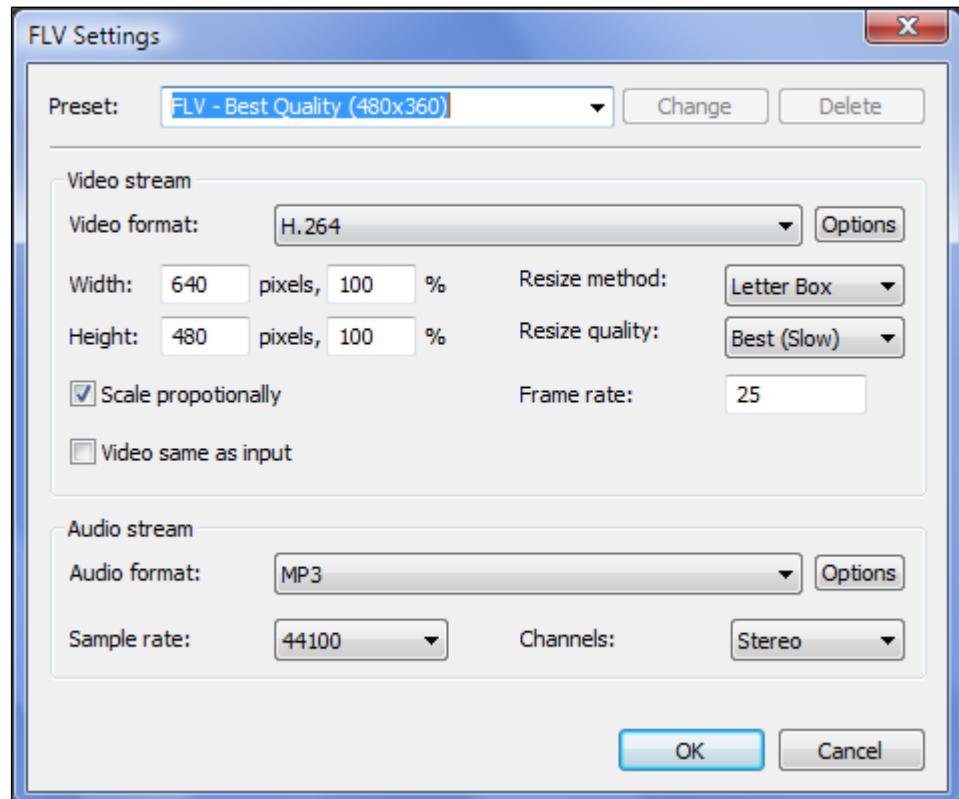
## FLASH video format

**FLV (Flash Video)** is a proprietary file format used to deliver video over the Internet using Adobe Flash Player (formerly known as Macromedia Flash Player) version 6, 7, 8, or 9. **FLV** content may also be embedded within SWF files. Notable users of the FLV format include YouTube, Google Video, Reuters.com, Yahoo! Video and MySpace.

FLV Flash Video is viewable on most operating systems, via the widely available Adobe Flash Player and web browser plugin, or one of several third-party programs such as MPlayer, VLC media player, or any player which uses DirectShow filters (such as Media Player Classic, Windows Media Player, and Windows Media Center) with ffdshow .

With **Movavi Video Converter** you can convert **AVI, MPEG, WMV, MOV, ASF** format files to the **FLV** format.

### Preset Settings in Movavi Video Converter:



## IFO DVD Format

In video editing, IFO normally refers to a file on DVD video disc and stands for InFOrmation.

**IFO** (Information) files contain an index of important information (such as timing information for search and seek functions) about the VOB (Video Object) files which themselves contain the Video Data. The maximum size of a VOB file is 1GB; therefore the total data on the DVD is broken up into multiple VOB files. **VIDEO\_TS.IFO** is a special master IFO file that contains information on all of the other IFO files on the media.

In order for a DVD title to support both computer and consumer platforms, the program must contain a **VIDEO\_TS** directory, with a **VIDEO\_TS.IFO** file containing all information required for DVD playback.

**IFO** files provide information for DVD player where DVD-Video disc's chapters start, where certain audio tracks are located, etc.



## M2T format

**M2T** is a communications protocol for audio, video, and data allowing multiplexing of digital video and audio and to synchronize the output. Transport stream offers features for error correction for transportation over unreliable media. It is also used in broadcast applications such as DVB and ATSC. It is contrasted with program stream, designed for more reliable media such as DVDs.

With **Movavi Video Converter** you can convert **M2T** files to **FLV, AVI, MPEG (DVD, VCD, SVCD), MPEG4 (iPod, MP4), 3GPP, 3GPP2, MOV, WMV, RM, WAV, MP3, WMA** video formats.

## MOD format

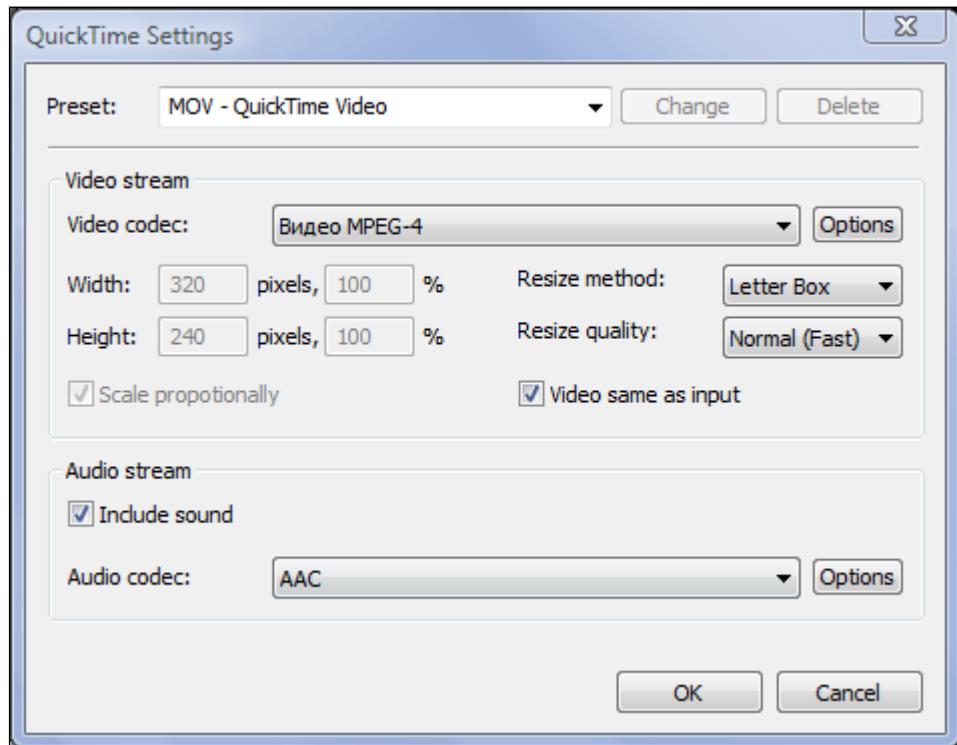
**MOD** is a tapeless recording video format used in digital tapeless camcorders. The format is comparable to AVCHD. The format is used by JVC, Panasonic and Canon in some models of digital camcorders.

With **Movavi Video Converter** you can convert **MOD** files to **FLV, AVI, MPEG (DVD, VCD, SVCD), MPEG4 (iPod, MP4), 3GPP, 3GPP2, MOV, WMV, RM, WAV, MP3, WMA** video formats.

## MOV Video Format

MOV format is created by Apple in order to create, edit, publish, and view multimedia files. QuickTime format (.mov) can contain video, animation, graphics, 3D and virtual reality (VR) content. **Movavi Video Converter** allows you to convert **MOV** files to **AVI, MPEG (DVD, VCD, SVCD), MPEG4, WMV, WAV, MP3** formats; edit MOV files, and create MOV files from any supported format (AVI, DVD, VOB, MPEG (MPG), MPEG4, MOV, WMV, ASF).

### Preset Settings in Movavi Video Converter:



## MPEG Video Format

**MPEG** is a short for **Moving Picture Experts Group**, is the name of a family of standards used for coding audio and video data in a digital compressed format including data transmission across digital networks. MPEG Video files have the **.mpg** or **.dat** extensions and MPEG Audio files generally have the **.mp1**, **.mp2**, **.mp3** extensions. **MPEG** is cross-platform compatible and can be played on all popular computer systems.

With **Movavi Video Converter** you can edit **MPEG files**, convert **MPEG** files to **AVI, MPEG (DVD, VCD, SVCD), WMV, WAV, MP3** formats; or convert **AVI, WMV, MOV, ASF, WMV** format files to **MPEG (DVD, VCD, SVCD)** formats.

Decoding and playing an **MPEG** file is generally harder on system resources than decoding and playing an **AVI** file, a factor that makes choosing the correct media type very important.

- **MPEG-1** Media Type files are generally easier on system resources and smaller in file size than other **MPEG** Media Types. An issue that must be considered when selecting an **MPEG** Media Type is the CPU speed of the system that will play your videos. For example, even slightly older Pentium systems (such as those with CPU speeds under 350 - 450 MHz) cannot reliably decode and play the **MPEG-2** media type. However, **MPEG-1** can be decoded and played on just about any Pentium (or generic Pentium) computer. Playing **MPEGs** on 486 machines is possible, but special software, and at times special hardware (depending on the system setup) is required.
- **MPEG-2** is a newer, more flexible, and more powerful **MPEG** Media Type. The quality of **MPEG-2** can be so good that it's the file format used in **DVD** and digital satellite television. The most significant downside of **MPEG-2** in terms of use on the Internet is system resources: **MPEG-2** requires at least Pentium 350 - 450 (or generic Pentium 350 - 450) CPU for reliable decoding and playback.
- **MPEG-4** is designed to deliver **DVD** (**MPEG-2**) quality video at lower data rates and smaller file sizes. While audio and video are at the core of the **MPEG-4** specification, **MPEG-4** can also support 3D objects, sprites, text and other media types. **MPEG-4** allows the use of different encoding methods, for instance a keyframe can be encoded using ICT or Wavelets resulting in different output qualities.
- **MPG** can be either an abbreviation for **MPEG** or is used as a file extension for **MPEG-1** and **MPEG-2** video data.

Use **MPEG Presets - DVD, VCD, SVCD PAL/NTSC Compatible** - for converting your video to **DVD, VCD, SVCD compatible formats**.

**DVD (Digital Versatile Disc)** is **DVD-Video** recorded on a **DVD-R** or **DVD-RW** disc, which contains superior quality video (**MPEG-2**) and audio. Typically, a **DVD** can hold more than one hour of video.

DVD Video Parameter Settings:

- **Frame Size:** 720x480 (NTSC) or 720x576 (PAL)
- **Frame Rate:** 29.97 frames/second (NTSC) or 25 frames/second (PAL)
- **Video Data Rate:** 4~8 Mbps CBR or VBR (Constant/Variable Bit Rate)
- **Audio Settings:** Stereo, 48 kHz and 192~384 kbps **MPEG** audio

DVD Playback Options:

- Standalone **DVD** players;

- Computer DVD drives with playback software.

**VCD (Video Compact Disc)** is a CD-ROM disc that contains video and audio. Typically, a VCD can hold about 74 minutes (650MB) of video and stereo-quality audio. The video and audio are stored in MPEG-1 format and follow certain standards (White Book). VCD video quality is roughly the same as VHS video.

VCD Video Parameters Settings:

**Frame Size:** 352x240 (NTSC) or 352x288 (PAL)  
**Frame Rate:** 29.97 frames/second (NTSC) or 25 frames/second (PAL)  
**Video Data Rate:** 1152 kbps  
**Audio Settings:** Stereo, 44.1kHz and 224kbps audio bit rate

VCD Playback Options:

- Almost all standalone VCD or DVD Players with CD-R or CD-RW playback capabilities (See DVD player manufacturer for compatibility);
- Computer DVD/CD-ROM drives with playback software.

**SVCD (Super Video Compact Disc)** is a CD-ROM disc that contains a high-quality video and audio. Typically, a SVCD can hold about 35~45 minutes (650MB) of video and stereo-quality audio (depends on the data rate used for encoding). The video and audio are stored in MPEG-2 format, much like a DVD. SVCD video has better quality than VHS video.

SVCD Video Parameter Settings:

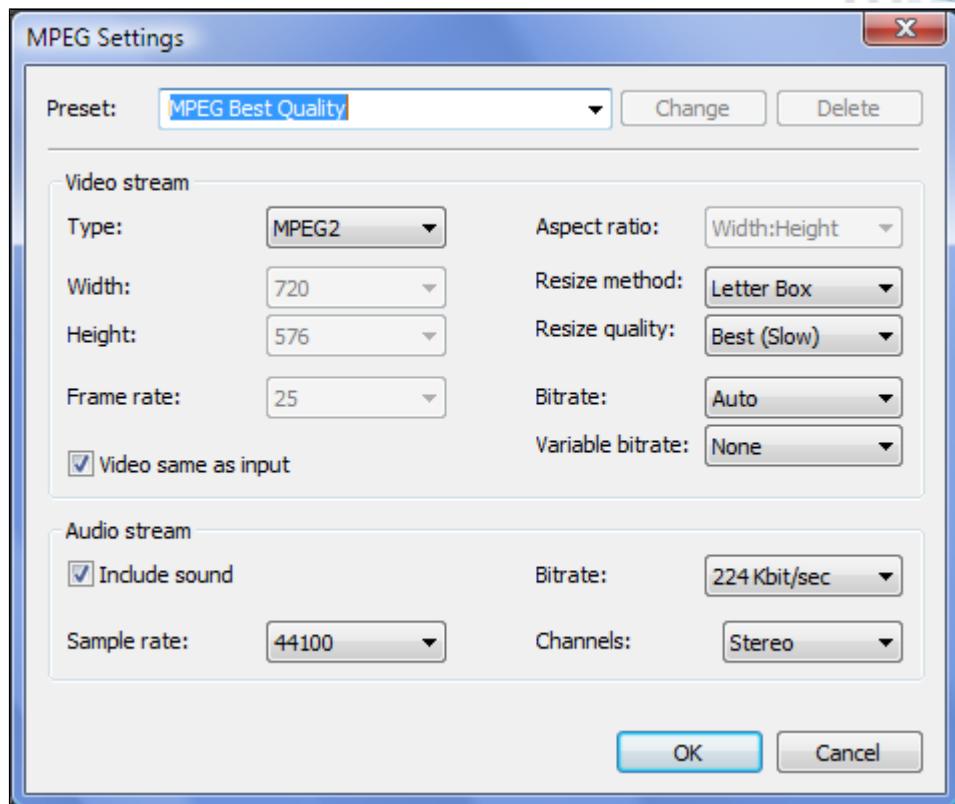
- **Frame Size:** 480x480 (NTSC) or 480x576 (PAL)
- **Frame Rate:** 29.97 frames/second (NTSC) or 25 frames/second (PAL)
- **Video Data Rate:** Variable bit rate up to 2600 kbps
- **Audio Settings:** 32~384 kbps MPEG-1 Layer 2 audio bit rate

**Note:** The maximum audio and video combined data rate cannot exceed 2750 kbps.

SVCD Playback Options:

- Some standalone DVD Players with CD-R or CD-RW playback capabilities (See DVD player manufacturer for compatibility);
- Computer DVD/CD-ROM drives with playback software.

**Preset Settings in Movavi Video Converter:**



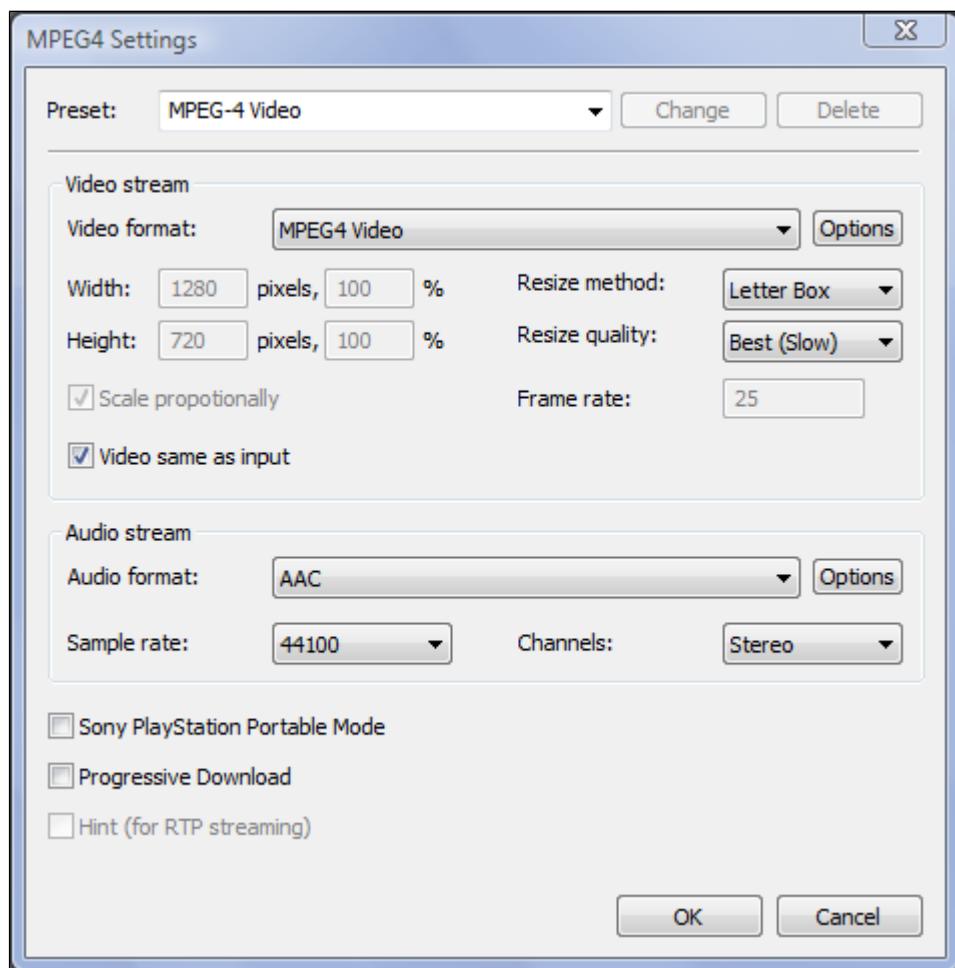
**MPEG** is a short for Moving Picture Experts Group.

**MPEG-4** is designed to deliver DVD (MPEG-2) quality video at lower data rates and smaller file sizes. While audio and video are at the core of the MPEG-4 specification, MPEG-4 can also support 3D objects, sprites, text and other media types. MPEG-4 allows the use of different encoding methods, for instance a keyframe can be encoded using ICT or Wavelets resulting in different output qualities.

**MPEG-4** is now used in new iPod. **Movavi Video Converter** lets you easily convert any of your video files to MPEG-4 format to import them to the new iPod.

H.264 H.264 is the next-generation video compression technology in the MPEG-4 standard, also known as MPEG-4 Part 10. H.264 can match the best possible MPEG-2 quality at up to half the data rate. H.264 also delivers excellent video quality across the entire bandwidth spectrum — from 3G to HD and everything in between (from 40 Kbps to upwards of 10 Mbps). MPEG-2 content at 1920x1080 traditionally runs at 12-20 Mbps, while H.264 can deliver 1920x1080 content at 7-8 Mbps at the same or better quality. H.264 provides DVD quality at about half the data rate of MPEG-2. Because of this efficiency, H.264, an ISO standard, stands to be the likely successor to MPEG-2 in the professional media industry.

#### Preset Settings in Movavi Video Converter:



## MTS format

**MTS** is the method of encoding of three additional channels of audio into an NTSC-format audio carrier. This is a high-definition MPEG Transport Stream video format, commonly called "AVCHD;" used by Sony, Panasonic, and other HD camcorders. The format is based on the MPEG-2 transport stream and supports 720p and 1080i HD video formats.

With **Movavi Video Converter** you can convert **MTS** files to **FLV, AVI, MPEG (DVD, VCD, SVCD), MPEG4 (iPod, MP4), 3GPP, 3GPP2, MOV, WMV, RM, WAV, MP3, WMA** video formats.

## MKV format

The **Matroska Multimedia Container** is an open standard free Container format, a file format that can hold an unlimited number of video, audio, picture or subtitle tracks inside a single file. It is intended to serve as a universal format for storing common multimedia content, like movies or TV shows. Matroska is similar in conception to other containers like AVI, MP4 or ASF but is entirely open in specification and with implementations consisting mostly of open source software. Matroska file types are **.mkv** for video (with subtitles and audio), **.mka** for audio-only files and **.mks** for subtitles only.

With **Movavi Video Converter** you can convert MKV files to **FLV, AVI, MPEG (DVD, VCD, SVCD), MPEG4 (iPod, MP4), 3GPP, 3GPP2, MOV, WMV, RM, WAV, MP3, WMA** video formats.



## VOB Format

All DVD movies are stored on a DVD video disc in so-called **VOB** files. **VOB** files usually contain multiplexed Dolby Digital audio and MPEG-2 video. With **Movavi Video Converter** you can create and edit **VOB** files and convert them to **AVI, MPEG (DVD, VCD, SVCD), WMV, WAV, MP3** formats.



## VRO format

The DVD-VR standard defines a logical format for video recording on DVD-R, DVD-RW, and DVD-RAM style media, including the dual layer versions of these media. As opposed to media recorded with the DVD+VR recording standard, the resulting media are not DVD Video compliant, and will not play back in some DVD Video players. Most DVD video recorders in the market that support DVD-R, DVD-RW, or DVD-RAM media will allow recording to these media in DVD-VR mode, as well as in a DVD Video compliant mode.

With **Movavi Video Converter** you can convert **VRO** files to **FLV, AVI, MPEG (DVD, VCD, SVCD), MPEG4 (iPod, MP4), 3GPP, 3GPP2, MOV, WMV, RM, WAV, MP3, WMA** video formats.

## WMV Video Format

**WMV** Format is a video format developed by Microsoft and designed to handle all types of video content. The files can be highly compressed and can be delivered as a continuous flow of data. **WMV** files can be of any size and can be compressed to match many different bandwidths (connection speeds). The **WMV** format is a derivative of the MPEG-4 (Motion Picture Expert Group) format. However, it is more efficient than MPEG-4 in encoding video and, similar to the ASF format (Microsoft's Advanced Streaming Format), in decreasing file size. Using WMV is an excellent way to get file sizes down to reasonable levels.

With **Movavi Video Converter** you can edit WMV files as well as convert them to **AVI**, **MPEG (DVD, VCD, SVCD)**, **WAV**, **MP3** formats.

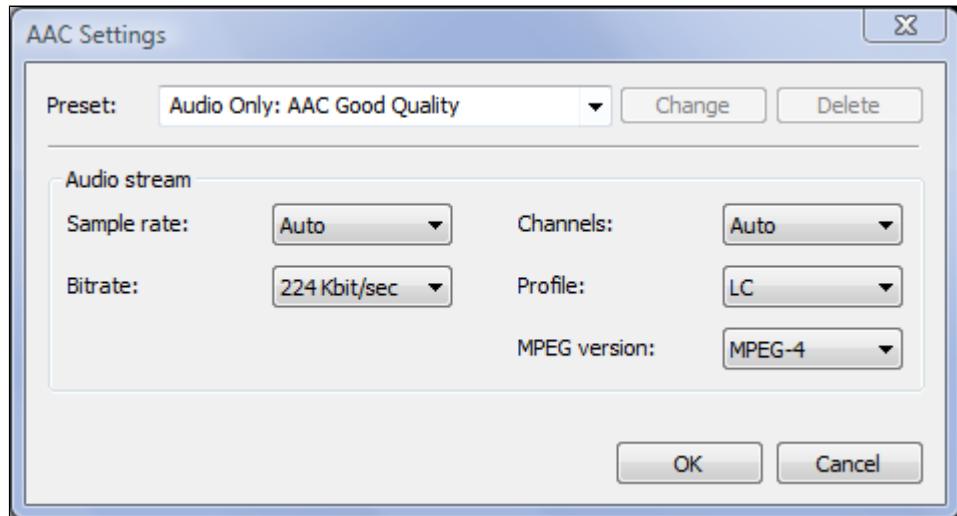
You can choose a preset that best suits your purposes:



## AAC format

**Advanced Audio Coding (AAC)** is a standardized, lossy compression and encoding scheme for a digital audio. Designed to be the successor of the MP3 format, AAC generally achieves better sound quality than MP3 at many bit rates.

### Preset Settings in Movavi Video Converter:



## FLAC

**FLAC** stands for Free Lossless Audio Codec, an audio format similar to MP3 but lossless, meaning that audio is compressed in FLAC without any loss in quality. This is similar to how Zip works except with FLAC you will get much better compression because it is designed specifically for audio, and you can play back compressed FLAC files in your favorite player just like you would an MP3 file.

**FLAC** stands out as the fastest and most widely supported lossless audio codec. It has an open-source reference implementation and a well documented format and API.

## Monkey's Audio

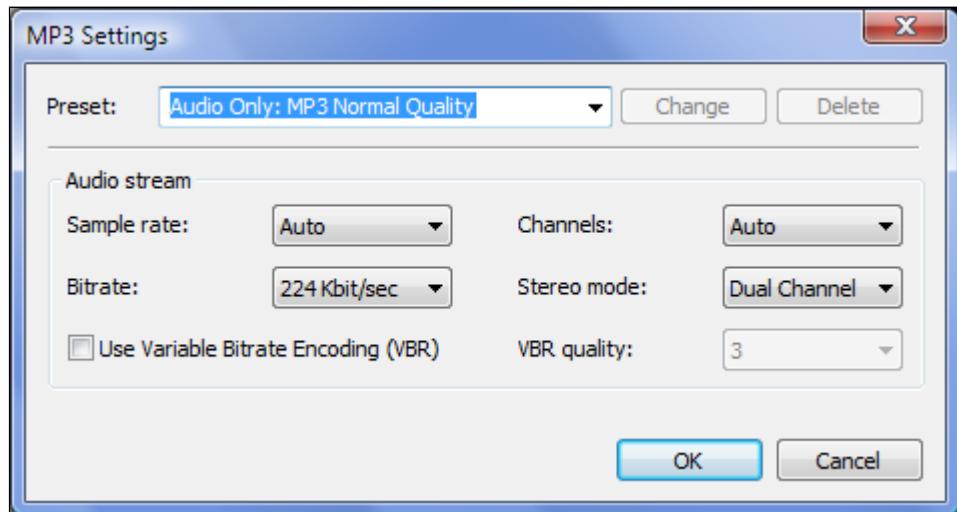
Monkey's Audio is a fast and easy way to compress digital music. Unlike traditional methods such as mp3, ogg, or lqt that permanently discard quality to save space, Monkey's Audio only makes perfect, bit-for-bit copies of your music. That means it always sounds perfect – exactly the same as the original. Even though the sound is perfect, it still saves a lot of space. The other great thing is that you can always decompress your Monkey's Audio files back to the exact, original files. That way, you'll never have to recopy your CD collection to switch formats, and you'll always be able to recreate the original music CD if something ever happens to yours.

## MP3 (MPEG Audio Layer 3)

**MPEG Audio Layer 3** is an algorithm for audio compression that is part of the MPEG-1 and MPEG-2 specifications. MP3 was originally developed in Germany in 1991 by the Fraunhofer Institute as a technology that uses perceptual audio coding to compress CD-quality sound by a factor up to 12 while providing almost the same fidelity and quality. Compression efficiency of lossy data compression encoders is typically defined by the bitrate because the compression rate depends on bit depth and sampling rate of the input signal.

With **Movavi Video Converter** you can extract audio from your video and save it as MP3.

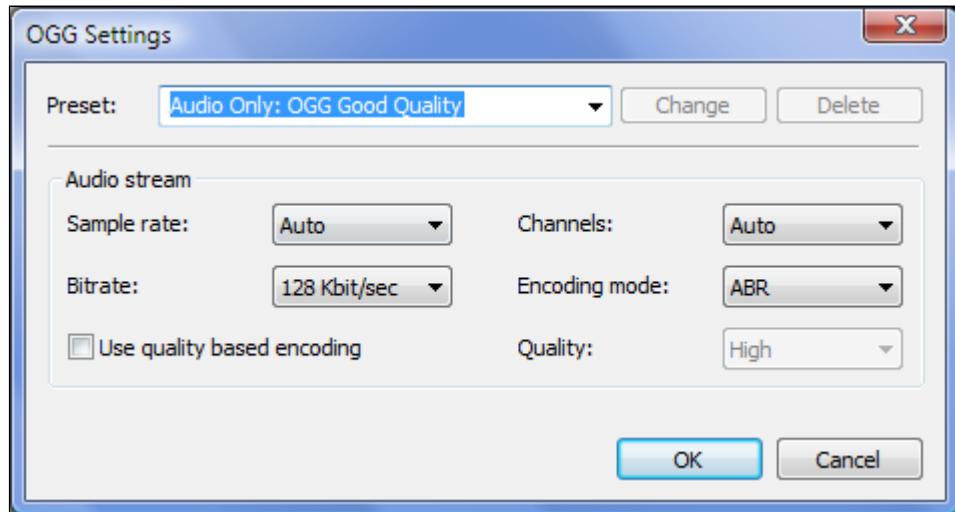
### Preset Settings in Movavi Video Converter:



## OGG format

**OGG** is a free, open standard container format maintained by the Xiph.Org Foundation. The **OGG** format is unrestricted by software patents and is designed to provide the efficient streaming and manipulation of high quality digital multimedia.

### Preset Settings in Movavi Video Converter:

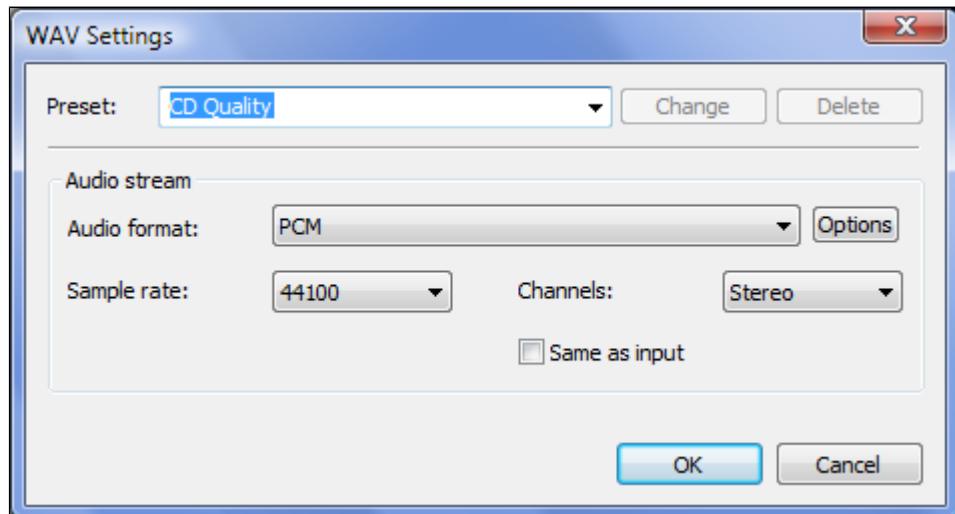


## WAV format

**WAV** is a format for storing sound in files developed jointly by Microsoft and IBM. **WAV** sound files end with `.wav` extension and can be played by nearly all Windows applications that support sound.

With **Movavi Video Converter** you can extract audio from your video and save it as **WAV**.

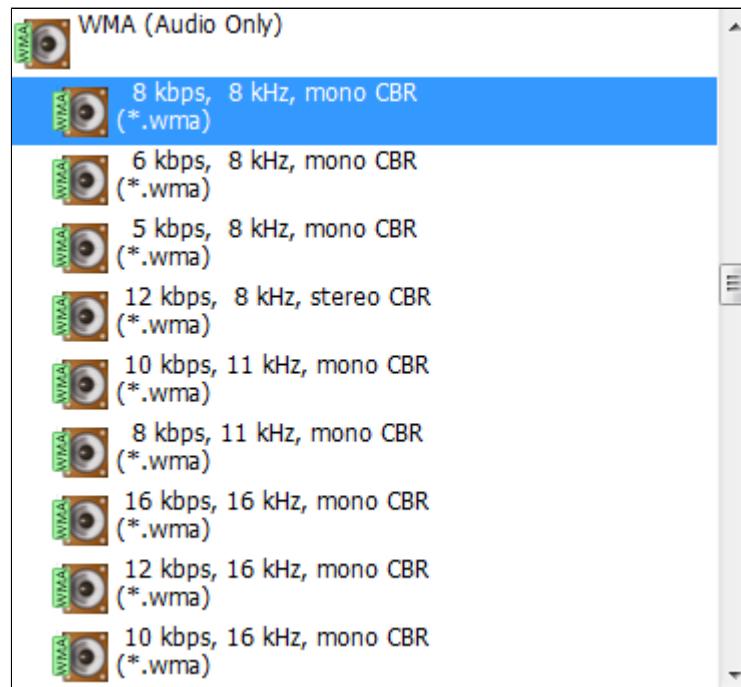
**Preset Settings in Movavi Video Converter:**



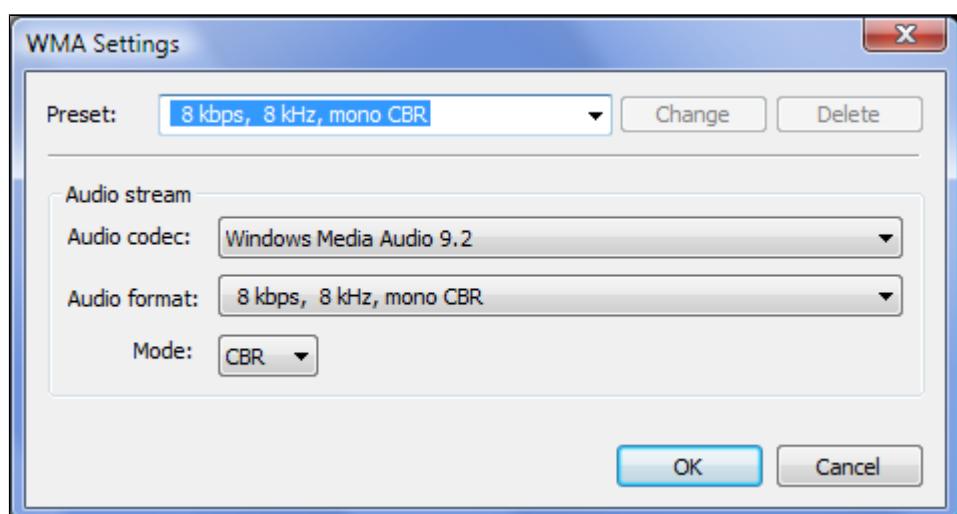
## WMA format

The **WMA** format stands for Windows Media Audio. It's owned by Microsoft, part of Microsoft's Windows Media technology. According to independent testing it sounds as good as MP3 at half the bit rate (and therefore half the file size). **WMA** is downloadable format, and in conjunction with Microsoft's Advanced Streaming Format (ASF), WMA can also be streamed to listeners. Optional copyright protection is included in the WMA code allowing the owner to restrict the use of protected material.

With **Movavi Video Converter** you can extract audio from your video and save it as **WMA**.



### Preset Settings in Movavi Video Converter:





**Movavi Video Editor** is an exciting and powerful tool, which allows you to edit your video and create unique slideshows with ease!

In **Movavi Video Editor** you can apply beautiful effects to your home video, add background music and text titles. You can capture video from DV cameras and TV-tuners and then export video files to mobile devices or upload them to YouTube. And all of this is about **Movavi Video Editor**!

This chapter provides you the detailed step-by-step instructions on how to perform different operations in **Movavi Video Editor**.

**Movavi Video Editor** contains the following main features:

- [\*\*Video Editing\*\*](#) - Rotate and crop your video, add music, change its volume, add subtitles, split and join clips!
- [\*\*Fast processing speed\*\*](#) - Feel the superb speed of video processing on AMD or Intel multi-core processors as well as accelerated file processing with NVIDIA CUDA-enabled GPU.
- [\*\*Capturing Video\*\*](#) - Capture video from TV-tuner and DV cameras and record live video. Moreover, you are able to revive your old videos stored on VHS cassettes with our VHS capture devices!
- [\*\*Capturing Audio\*\*](#) - Capture live audio: music, voice or whatever!
- [\*\*Applying Filters and Effects\*\*](#) - Enhance video with professional filters like Denoise, Deblock, Brightness/Contrast, Gamma, and more.
- [\*\*Editing 3D Video\*\*](#) - Create your own 3D movies!
- [\*\*Creating Slideshows\*\*](#) - Create a beautiful slideshow from your pictures or append images with fades to the beginning and/or to the end of your video.
- [\*\*Saving video in different formats\*\*](#) - Choose one of hundreds available video formats to save your video to or use a ready-made preset to export video to any popular media player, or upload it to your blog or YouTube.
- [\*\*Saving video to Mobile devices\*\*](#) - Save your video to the format supported by your mobile device – just choose the right ready-made preset from the list.
- [\*\*Burning to DVD\*\*](#) - Burn edited video to a DVD.

**Movavi Video Editor** supports almost all popular video formats.

The list of supported formats is the following:

Video Formats	Supported codecs
<b>3GPP</b> (.3gpp, .3gp)	Read / Write H.263, H.264, MPEG-4
<b>Advanced Streaming Format</b> (.ASF)	Read Only ASF
<b>Audio Video Interleave</b> (.avi)	Read / Write MPEG4, H.264, DV, MJPEG, Uncompressed, XVID, DIVX
<b>DVD - Digital Video Disc</b> (.vob, .ifo)	Read Only DVD-Video, DVD folder
<b>Flash</b> (.flv)	Read / Write H.263, H.264
	Read Only VP6
<b>Flash</b> (.swf)	Write Only H.263
<b>HD Video</b> (.mp4, .m2ts, .wmv, .mpg, .mc)	Read / Write MPEG-2, MPEG-4, H.263, H.264, WMV-9
<b>HD Video</b> (.m2t, .mts, .ts)	Read Only MPEG-2, H.264
<b>HTML5</b>	Read / Write WebM/VP8, OGV
<b>Matroska</b> (.mkv .mka .mks)	Read / Write MPEG-4, H.264, MJPEG, DV, Uncompressed
<b>MPEG</b> (.mpg, .mpeg, .dat, .mod, .vr)	Read / Write MPEG-1, MPEG-2
<b>MP4</b> (.mp4, .m4v)	Read / Write H.263, H.264, MPEG-4
<b>QuickTime</b> (.mov, .qt, .m4v)	Read / Write QuickTime Video
<b>WMV - Windows Media Video</b> (.wmv, .asf)	Read / Write Windows Media Video 7/8/ 9 Windows Media Screen 7/9 Windows Media Video 9 Advanced Profile
<b>WTv - Windows Recorded TV Show</b> (.wtv)	Read Only Microsoft MPEG-4 Video Codec V1 - V3

**Movavi Video Editor** supports almost all popular audio formats.

The list of supported formats is the following:

Audio Formats	Supported codecs
AAC	Read / Write
FLAC (.flac)	Read / Write
MP3 (.mp3)	Read / Write
MP4 (.m4a, .m4b)	Read Only
Monkey's Audio (.ape, .apl)	Read / Write
OGG (.ogg)	Read / Write
WAV (.wav, .wv)	Read / Write
WMA (.wma)	Read / Write



This section provides information about **Movavi Video Editor** Hardware Acceleration support.

*Please note*, at the first launching of the program, **Movavi Video Editor** will automatically detect **NVIDIA CUDA** or/and **Intel HD Graphics** drivers and the warning window will appear notifying that these drivers must be up-to-date in order the program works correctly!

**TIP:** Please update **NVIDIA CUDA** or/and **Intel HD Graphics** drivers timely!

**Movavi Video Editor** provides support of computers with **Intel®** multi-core processors. The latest **Intel®** technologies are used in **Intel® Core™ i3, i5, and i7** processors. The multi-core support accelerates the process of encoding/decoding as well as simultaneous conversion of a large number of files by taking the full power of each core. The performance grows up to 400% for H.264 and MPEG-2 codecs and up to 8 files process simultaneously.

#### Supported Formats

**Input Video Formats:** AVI, MP4, FLV, MKV, MOV, MPEG2-TS with H.264 codec; MPEG (MPEG2 PS, MPEG2 TS) with MPEG1/MPEG2 codec; WMV with VC-1 codec.

**Output Video Formats:** 3GP, 3GP2, AVI, FLV, M2TS, MKV, MP4 with H.264 codec; M2TS, MPEG with MPEG2 codec.

For details, refer to the [Video Acceleration](#) section.



**Movavi Video Editor** is optimized for NVIDIA® CUDA™ providing the acceleration of processing of your media files on a CUDA-enabled graphics card GPU (Graphics Processing Unit) up to 5x. Supported Graphics Cards are GeForce, GeForce Mobile, Quadro, and Quadro Mobile. [Please find the full list of supported cards](#).

Using this technology **Movavi Video Editor** shifts processing of files from your computer's CPU to NVIDIA's GPU, so that CPU of your computer is fully available for use by other tasks.

#### Supported Formats

**Input Video Formats:** AVI, MP4, FLV, MKV, MOV, MPEG2-TS with H.264 codec, MPEG (MPEG2 PS, MPEG2 TS) with MPEG1/MPEG2 codec, WMV with VC-1 codec.

**Output Video Formats:** 3GP, 3GP2, AVI, FLV, M2TS, MKV, MP4 with H.264 codec.

For details, refer to the [Video Acceleration](#) section.

This section describes simple steps on how to edit video in **Movavi Video Editor**.

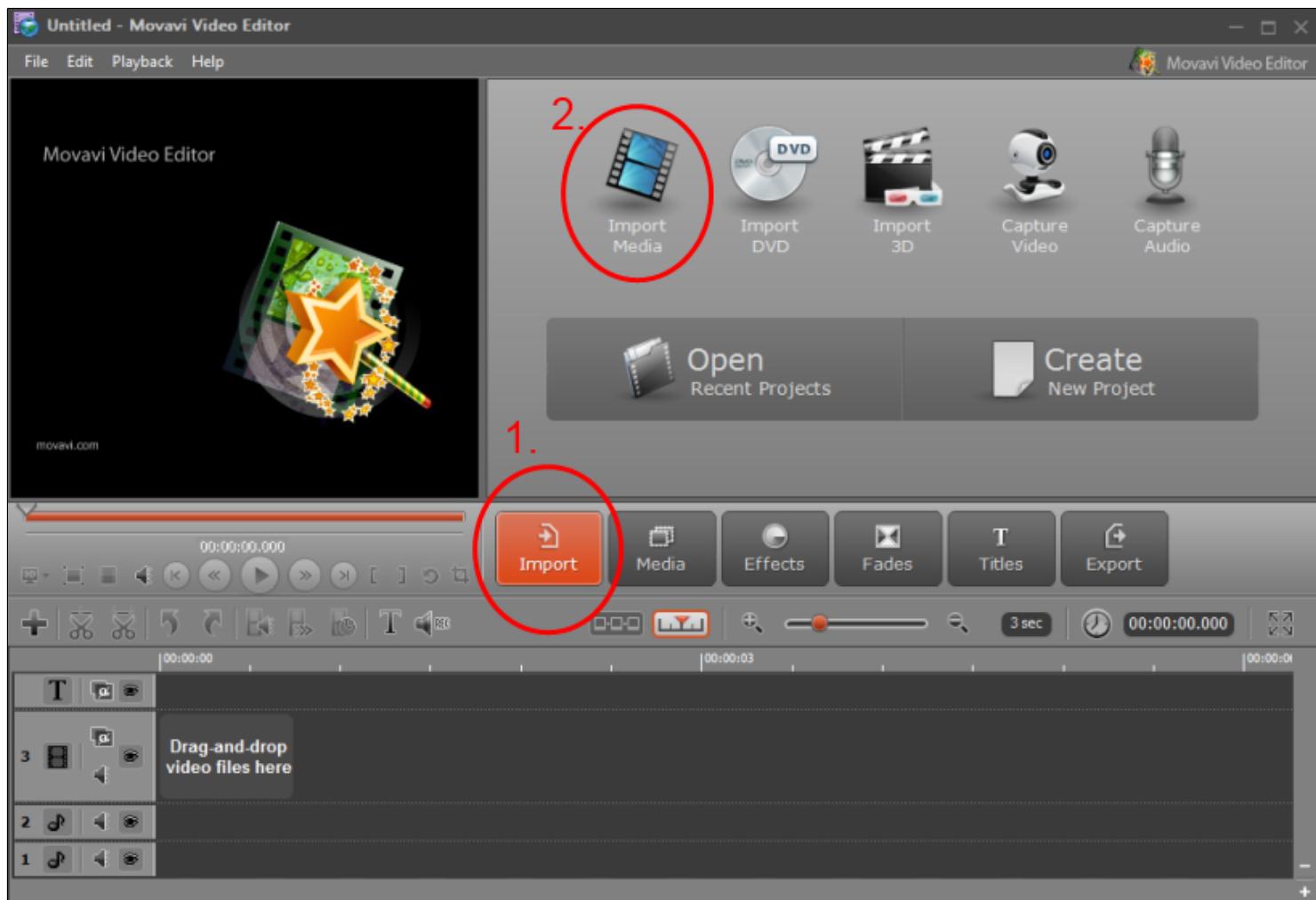
The work in **Movavi Video Editor** is organized within a project (the file with the **.mep** extension). Before editing your video, you have to create a project in the program and then to add a video file for further editing.

To create a new project, follow the steps:

- On the **File** menu, click **New Project**, or
- Click **Create New Project** icon on the main window.

Now add the video to be edited in the following way:

1. In the **Import** pane click **Import Media** or select **File > Import Media** in the Menu bar:

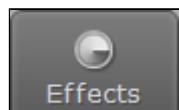


2. Select the file to be edited and click **Open**. The file will be added to the Media list:



**3. Drag the file from the **Media pane** to the **Timeline** panel.**

Now you can start adding effects to your video.



**4. Click the **Effects** button** . The list of available effects will open in the **Effects** pane.

**5. Select required effect and drag the effect icon on the video in the **Timeline** panel.**

In the same way you can add any other effects to your video.

To add the titles to your video:



**6. Click on the **Titles** button** . The list of available titles types will open.

**7. Select the type of titles.**

**8. Click on the title icon and enter the text in the preview window.**



**9. Drag the selected title icon to the **Title bar** in the **Timeline** panel:** 

**Note:** In the same way you can also add a background music to your video by adding the audio file to the **Media pane** and then dragging this file to the audio track of the **Timeline panel**.

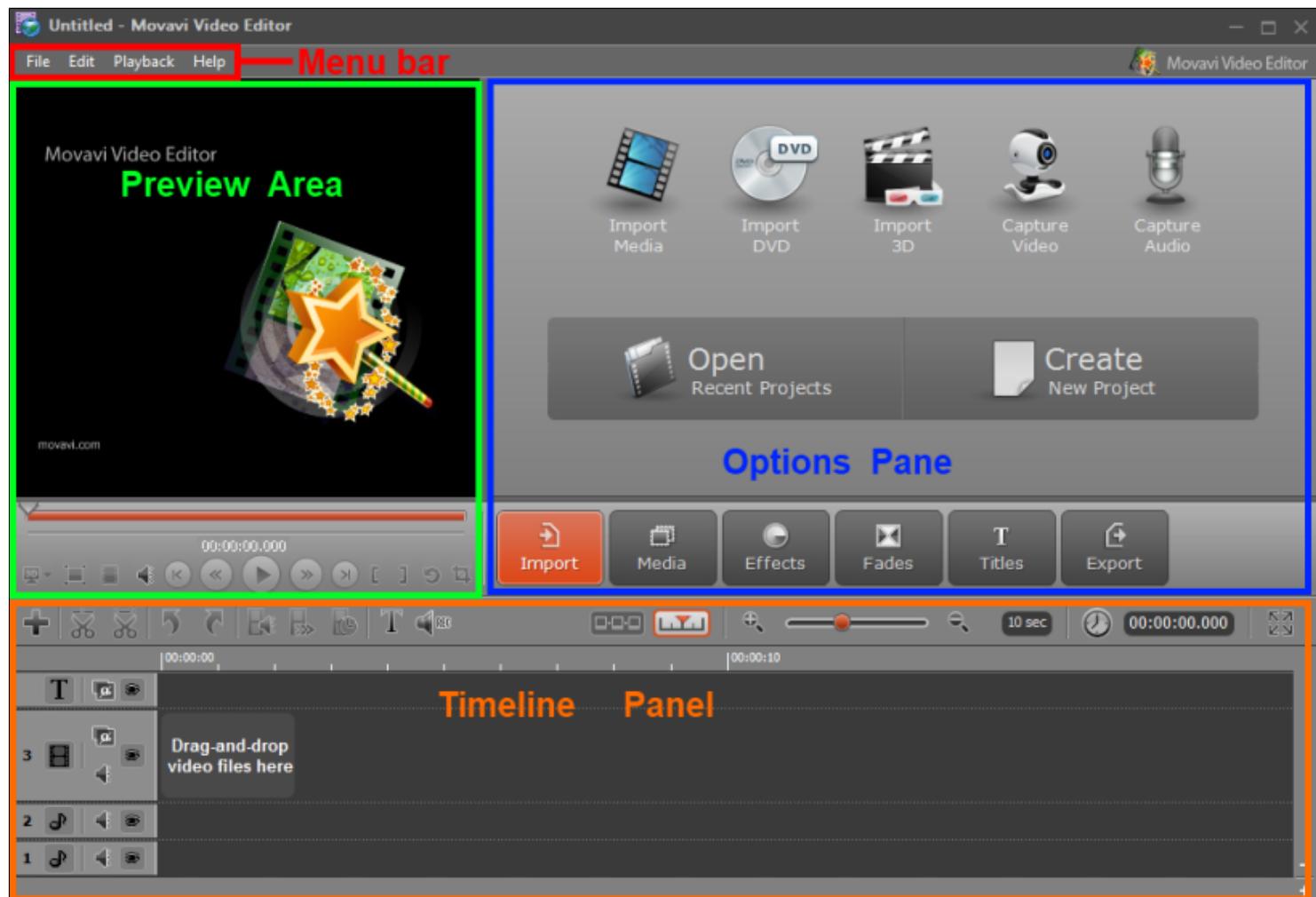


**10. To save the final file click on the **Export** button**  or go to the **File > Export Project**, and select the way of saving your video file.

**Note:** By default all files are saved to the **Movavi Library** - the directory created on your computer.

Movavi Video Editor main screen consists of the following parts:

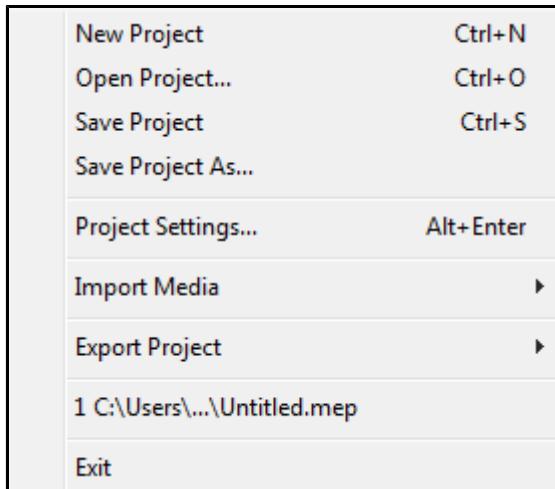
- Menu bar
- Preview Area
- Options Pane
- Timeline Panel



## Menu bar

File Edit Playback Help

The editing process in **Movavi Video Editor** is organized within a project. The File menu contains options, which allows you to manage the projects.



- **New Project** - creates a new project in **Movavi Video Editor**.
- **Open Project** - opens an existing project.
- **Save Project** - saves current project.
- **Save Project As** - saves current project under the specified name.
- **Project Settings** - opens the Project Settings dialog window.
- **Import Media** - adds video, audio and graphic files to **Movavi Video Editor**.
- **Export Project** - enables you to export edited files from **Movavi Video Editor** and to save them using available methods.
- **Recently Opened Files** - displays a list of recently opened media files and video projects.
- **Exit** - exits **Movavi Video Editor**.

By clicking the **Edit** menu, the following options are available:

Undo	Ctrl+Z
Redo	Ctrl+Y
Cut	Ctrl+X
Copy	Ctrl+C
Paste	Ctrl+V
Delete	Del
Set Left Marker	
Set Right Marker	
Split Clip	
Crop Clip	
Add Titles...	
Add Empty Clip	
Detect Scenes	
Fast Track HD File Queue	
Create Slideshow...	
Preferences...	

- **Undo** - cancels the last action.
- **Redo** - repeats undone action.
- **Cut** - cuts a clip selected in the **Timeline panel**.
- **Copy** - copies a clip selected in the **Timeline panel**.
- **Paste** - pastes a previously cut or copied clip into the defined place in the **Timeline panel**.
- **Delete** - deletes the selected clip.
- **Set Left Marker** - sets the left marker on the selected clip.
- **Set Right Marker** - sets the right marker on the selected clip.
- **Split Clip** - splits the selected clip.
- **Crop Clip** - crops the selected clip.
- **Add Titles** - adds titles onto the edited video.
- **Add Empty Clip** - adds empty clip to the **Timeline panel**.
- **Detect Scenes** - detects scenes in the added clip.
- **Fast Track HD File Queue**
- **Create Slideshow** - creates a slideshow out of added graphic files.
- **Preferences** - opens the dialog window where you can set up specific program preferences.

By clicking the **Playback** menu, the following options are available:

Play	Space
Go To Next Frame	Alt+N
Go To Previous Frame	Alt+P
Jump To Beginning	Alt+B
Jump To End	Alt+E
Full Screen	Alt+F
Preview mode	▶
Preview quality	▶

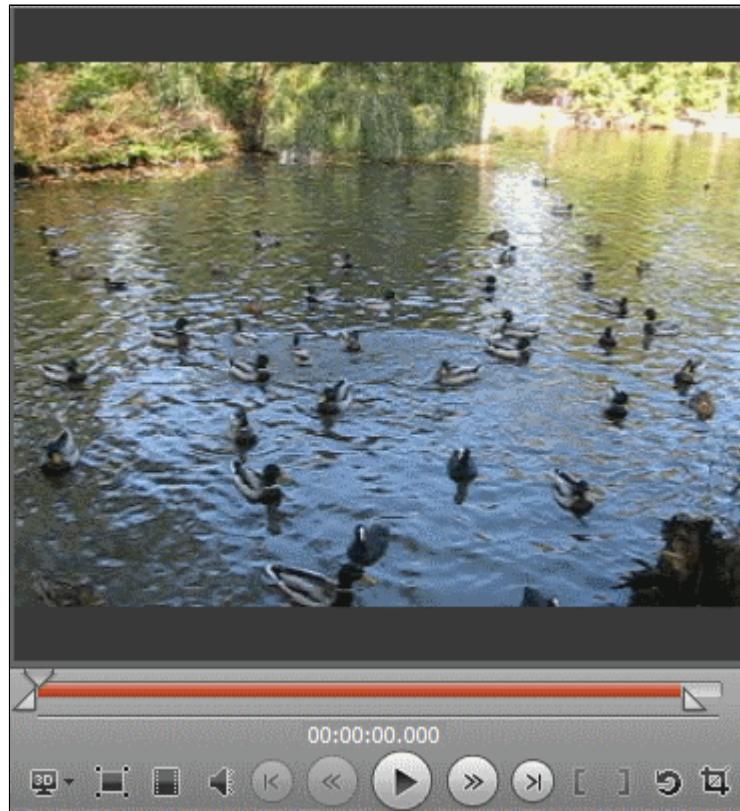
- **Play/Stop** - starts/stops playback of the selected clip.
- **Go to Next Frame** - jumps to the next frame.
- **Go to Previous Frame** - jumps to the previous frame.
- **Jump to Beginning** - jumps to the beginning of the selected clip.
- **Jump to End** - jumps to the end of the selected clip.
- **Full Screen** - opens a full-screen playback.
- **Preview mode** - sets a preview mode (2D or 3D).
- **Preview quality** - sets a quality of the preview clip (good, normal, low).

By clicking the **Help** menu, the following options are available:

Help Topics...	F1
FAQ...	
Visit Homepage...	
Check for Updates...	
About...	

- **Help Topics** - opens the Help Manual.
- **FAQ** - opens the FAQ list on **Movavi** website.
- **Visit Homepage** - opens **Movavi Video Suite** webpage.
- **Check for Updates** - checks whether a new version of the program is available.
- **About** - displays a version number and registration information.

In the **Preview Area** you can preview the file(s) during editing. Use the control buttons under the **Preview Area** to manage video and audio playback.



Using the **Control buttons** you can operate the process of file previewing:



Plays the file. When the file is being played, the **Play** button becomes inactive; the **Pause** button is displayed instead.



Pauses playback. When a file is paused, the **Pause** button becomes inactive; the **Play** button is displayed instead.



Jumps to the previous frame.



Jumps to the next frame.



Jumps to the beginning of the file.



Jumps to the end of the file.



Maximizes video to the full screen mode.



Turns sound on/off.



Captures desired area on the preview screen.



Rotates the picture.

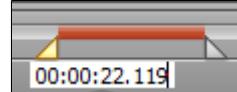


Allows you to select and add 3D effect to the file.

The **Seek** slider indicates the playback progress of the current file. Move the **Thumb marker**  to jump to a necessary frame or time of the track.



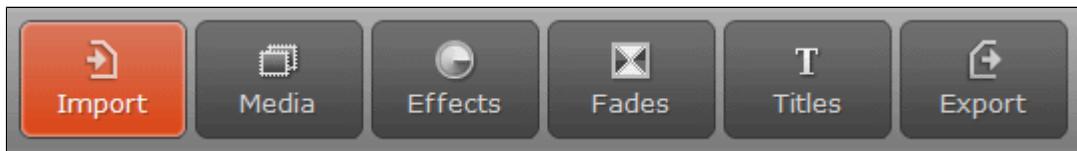
The left and the right markers   allow you to select a fragment to be edited or define an interval from which a photo gallery should be created. The time below the controls shows the time from the beginning of the file. You can also specify the exact time of the beginning and ending of the fragment by selecting the markers (in turn) and then clicking on the time display and specifying required time values:



For a convenient usage of **Movavi Video Editor**, in the interface the following main features can be reached by buttons:

- *Importing files,*
- *List of files,*
- *List of available effects,*
- *List of fades,*
- *List of titles,*
- *Exporting files.*

The buttons are located in the center of the user interface - in the so-called *Operation Buttons Panel*:



By clicking each button, the pane with specific options will be opened. For example, by clicking on the **Import** button, the **Import** pane will open. There you can find importing options. By clicking on the **Media** button, the **Media** pane will open. There you can find the list of media files, imported into the program. By clicking on the **Effects** button, the **Effects** pane will open. There you can find the list of available effects, which can be applied to your file. And so on. Descriptions of each pane are described in the following sections.

By clicking on the **Import** button in the [Operation Buttons panel](#), the **Import** pane will open.



In the **Import pane** you can add various media sources by clicking on the respective icons:

- add media files (video files, audio tracks and images),
- add DVD,
- add 3D video files,
- capture video,
- capture audio

By clicking on the **Media** button in the [Operation Buttons panel](#), the **Media** pane will open.

Here you can find media files imported into **Movavi Video Editor**.



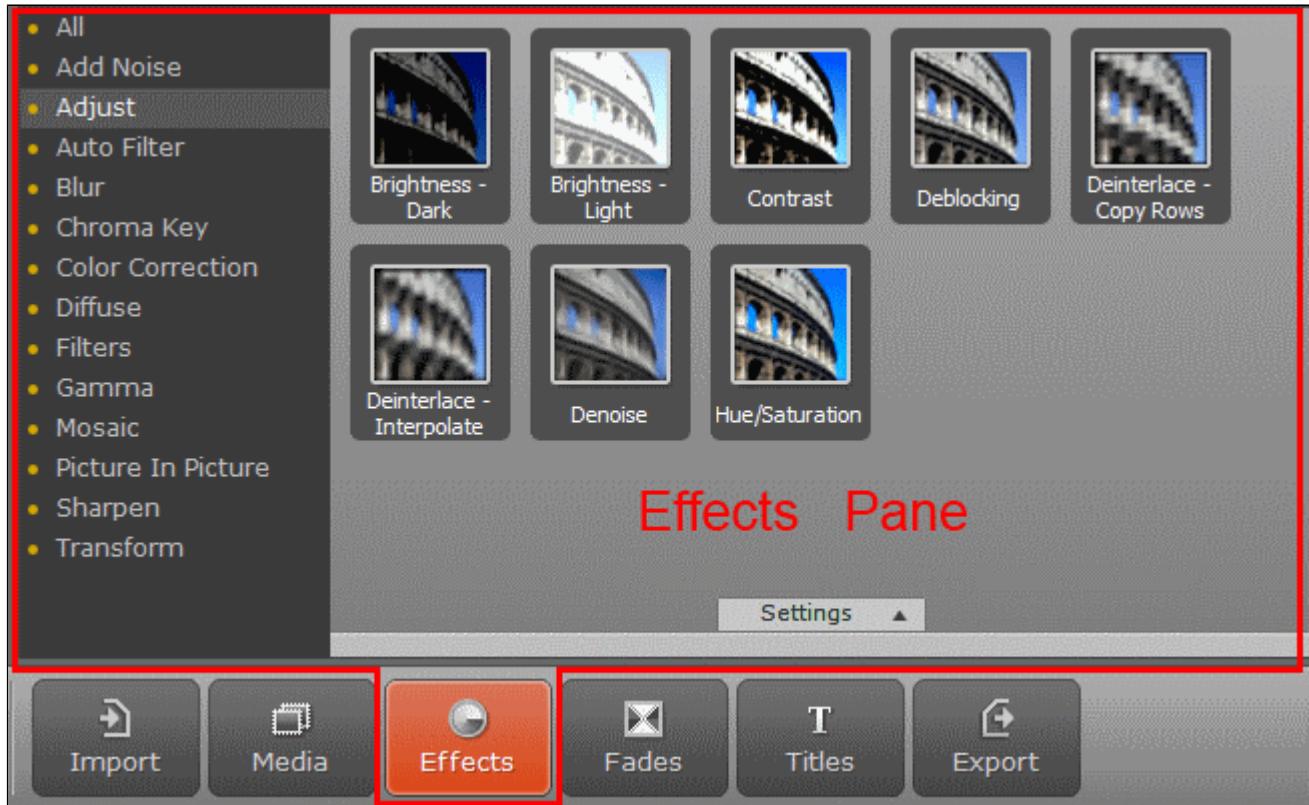
You can sort the file list by clicking on the respective icon in the upper right corner:



- to show all media files imported to **Movavi Video Editor** **All**,
- to show video files only ,
- to show images only ,
- to show audio files only .

By clicking on the **Effects** button in the [Operation Buttons panel](#), the **Effects** pane will open.

The **Effects** pane provides main tools that can be used for editing your video project.



In the left part of the **Effects** pane you can find the list of available effects and filters. By clicking on each item, the corresponding options are displayed in the **Effects pane**. Here you can select an effect and drag its icon to the [Timeline panel](#). So this effect will be applied to your video.

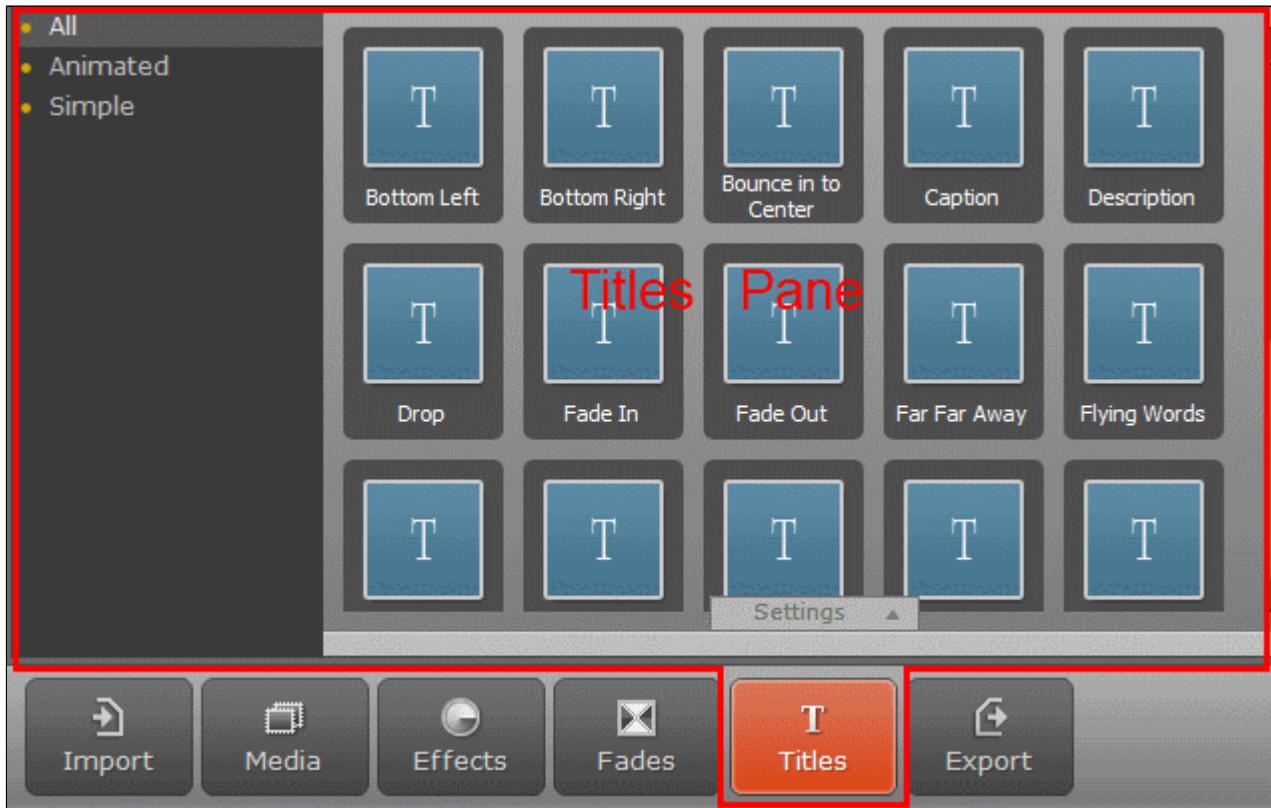
By clicking on the **Fades** button in the [Operation Buttons panel](#), the **Fades** pane will open.

The **Fades** pane contains the list of fading methods that can be added to the edited project.



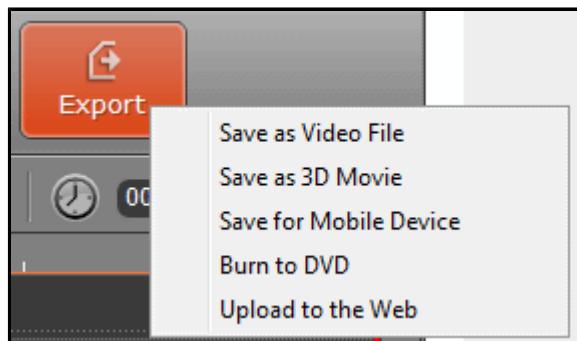
In the left part of the pane the list of **Fades** are located. By clicking on each item, available fading types are displayed in the center of the pane. Here you can select a Fade effect and drag its icon to the [Timeline panel](#). So this Fade will be applied to your video.

By clicking on the **Titles** button in the [Operation Buttons panel](#), the **Titles** pane will open. This pane provides different variants of displaying the titles on your video.



In the left part of the **Titles** pane you can find the list of available Title types. By clicking on each item, the corresponding titles options are displayed in the **Titles pane**. Here you can select any title type and drag its icon to the [Timeline panel](#). So this type will be applied to your video.

By clicking on the **Export** button in the [Operation Buttons panel](#), you can choose the method of exporting edited file from **Movavi Video Editor**:



- saving output file as video file in the chosen format,
- saving output file as 3D video by adding 3D effect to the video,
- saving output file in one of popular mobile formats by choosing respective preset suitable for your mobile device,
- burning output file to DVD,
- uploading output file to the web (YouTube, Facebook, Vimeo) right after processing in **Movavi Video Editor**.

The **Timeline panel** is a "working area" of the **Movavi Video Editor** that allows you to edit video file (split, cut), add audio tracks and titles, apply effects, and so on.

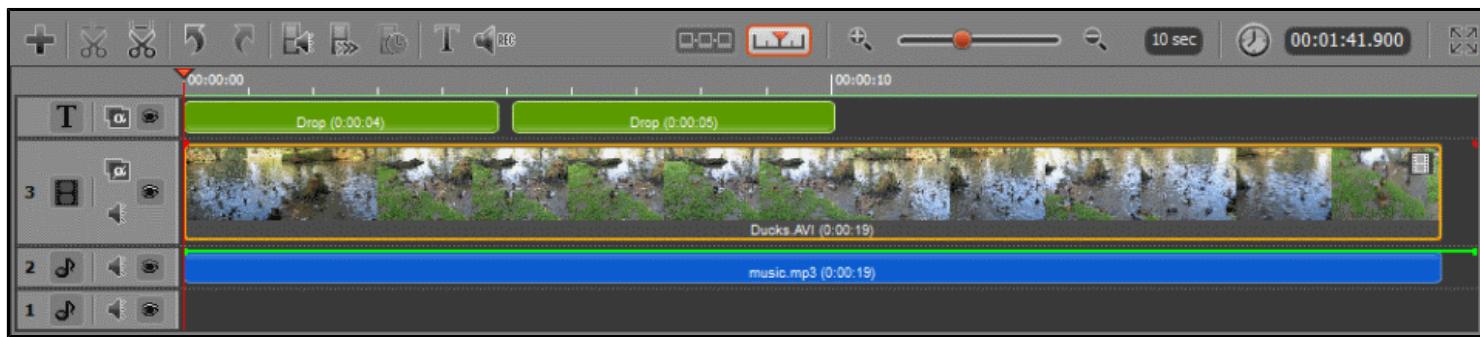
The **Timeline panel** contains the following tracks:

**Titles track**  contains balloons of text messages to be displayed over the video at a specific period of playback

**Video track**  contains the frame-by-frame representation of a video clip added for editing.

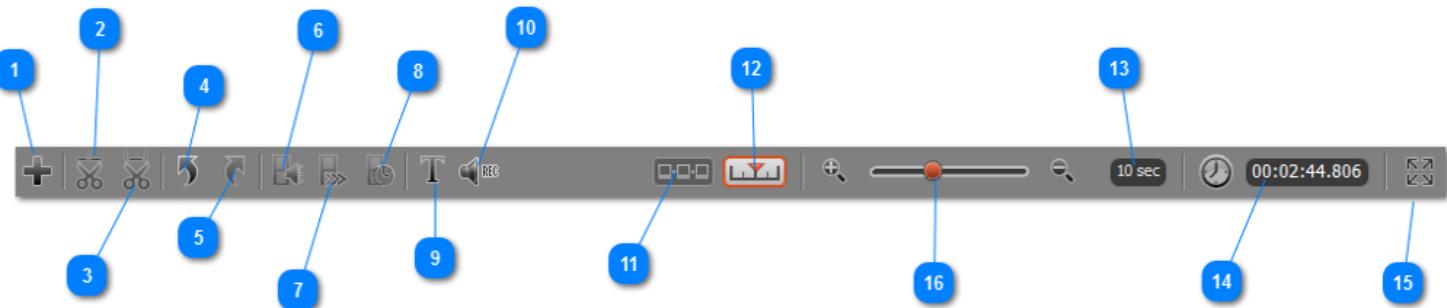
**Audio tracks**  contain balloons of audio tracks laid over your video. Beside the main audio track, you can add an additional audio track over the video to enrich your video project, for example, by a voiceover.

To add media files to the **Timeline panel**, drag them from the **Media pane**. To add a text message, click the  button under the **Preview area** — the text balloon will be added to the titles track.



**Note:** You can drag media files between tracks - for example, you can drag a video track to any audio track to extract audio from your video or move the titles balloon to the Video track to create opening or closing titles at a black background of your video.

## Toolbar



Clicking on this icon, you can add video, audio or titles track to the Timeline.



Clicking on this icon, you can split the track into two parts.



Clicking on this icon, you can cut out the selected fragment of the track.



Clicking on this icon, you can cancel last operation.



Clicking on this icon, you can redo last operation.



Clicking on this icon, you can change audio volume of a clip.



Clicking on this icon, you can change playback speed.



Clicking on this icon, you can change duration of a clip.



Clicking on this icon, you can add titles balloon to the Timeline.

10



Clicking on this icon, you can open **Capture Audio** module and record audio.

11



Clicking on this icon, you can switch the mode from timeline to storyboard.

12



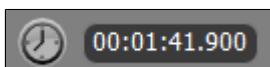
Clicking on this icon, you can switch the mode from storyboard to timeline.

13



Duration of video episodes that you set up.

14



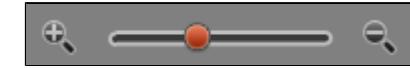
Shows the duration of a project.

15



Clicking on this icon, you can expand the Timeline into the full screen view.

16



**Time scale** - allows you to "zoom in" or "zoom out" your video — define the duration of video episodes into which the video to be edited should be split. The shorter the duration is, the more episodes will be displayed in the Timeline panel, and, therefore, the more granular and precise video editing will be. You can set the duration of video episodes from 10 seconds to the maximum length of your video.

For your convenience, the **Timeline panel** allows you to temporary mute some tracks so that you can play and edit only those tracks that you need.

To mute a track, click the **Eye**  icon next to it. The eye will close. To enable a track, click the closed **Eye** once again.

Please keep in mind that at a conversion the applied effects will be preserved.



**Movavi** video editing process is organized within projects (files with the `.mep` extension). Each project has its own parameters. In order to start editing video in **Movavi Video Editor**, you have to create a new project and set up project's parameters.

To create a new project, follow these steps:

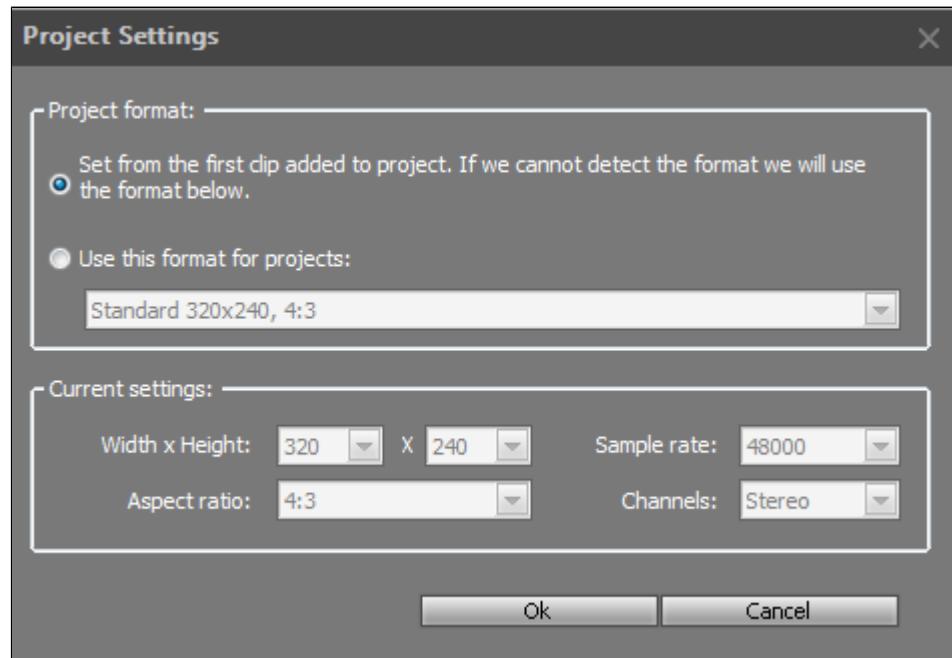
1. Launch the **Movavi Video Editor** program.
2. In the **File** menu, select the **New Project** option, or click the **Create New Project** option on the main screen.

The new project is created.

A new project in **Movavi Video Editor** has the following default settings: width, height and aspect ratio of the video stream, and sample rate and channels for audio stream. You can either leave the default settings, or, if they are not appropriate for you, change them according to the type of your media and needs.

To configure project settings in **Movavi Video Editor**, follow these steps:

1. On the main **Movavi Video Editor** screen, open the **File** menu.
2. Select the **Project Settings** option. The following window will open:



3. Select one of the available options:

- **Set from the first clip added to project** - if you select this option, the project settings will be set according to the settings of the first video or image added to that project.
- **Use this format for projects** - if you select this option, you have to choose one of the available presets (ready kit of parameters for popular video standards) from the drop-down menu, or specify your own settings by choosing the **Custom** option.

4. If there are no appropriate presets for your needs, set up your own parameters by choosing the **Custom** option. After that, the editable fields will be activated, and you will be able to enter the following values:

For Video Stream:

- **Width** (screen resolution parameter; width of the video);
- **Height** (screen resolution parameter; height of the video);
- **Aspect ratio** (parameter which defines the proportional relationship between width and height of the video).

For Audio Stream:

- **Sample rate** (measured in Hertz; parameter defines the quality of the sound);
- **Channels** (the quantity of channels, mono/stereo).

4. After you have set up the parameters, click the **Ok** button.

Now you are ready to start working with your media.



Please refer to the [\*\*Importing Media\*\*](#) section of this guide.



If you have already created the project in **Movavi Video Editor**, then saved it to your computer and want to continue working on it, you can open existing project in one of the following ways:

1. Launch the **Movavi Video Editor** program.
2. In the **File** menu, select the **Open Project** option, or click the **Open Recent Projects** option on the main screen of the program.

**Movavi Video Editor** provides hardware acceleration support by using the **NVIDIA CUDA** and **Intel HD Graphics** technologies.

## I. Support of Intel Media Technologies

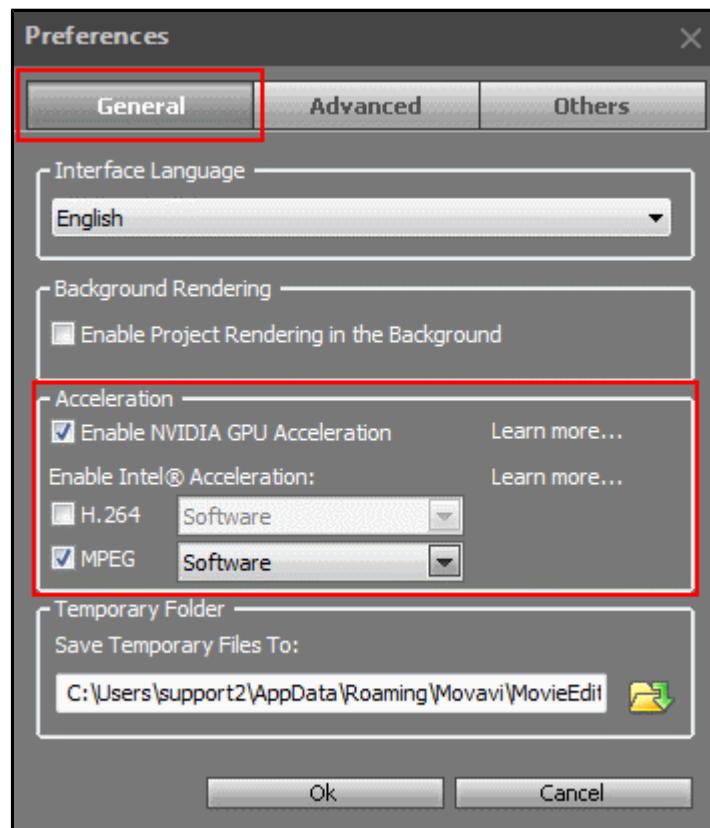
Using **Intel HD Graphics** provides you more efficient parallel task processing on multi-core processors. This also allows you to speed up video conversion up to 10 times. **Intel HD Graphics** support accelerates processing of video on Intel Core i3, Intel Core i5 and Intel Core i7 processors.

## II. Support of NVIDIA® CUDA™

Using of **NVIDIA® CUDA™** provides video decoding/encoding acceleration on a CUDA-enabled graphics card GPU (Graphics Processing Unit) up to 5x. As **Movavi Video Editor** shifts video processing from your computer's CPU to NVIDIA's GPU, your computer's CPU will be fully available for use by other tasks.

For information on supported file formats and codecs refer to the [Hardware Acceleration Support](#) section.

To enable **CPU or GPU Acceleration** support in **Movavi Video Editor**, go to **Edit > Preferences**. The **Preferences** dialog box will open:



In the **General** tab there is the **Acceleration** area:

**Enable NVIDIA GPU Acceleration** - If there is **NVIDIA Cuda graphics** card on your computer, select this checkbox to accelerate processing of files in **Movavi Video Editor**.

**Enable Intel® Acceleration** - This option is supported for the following file formats: **H.264** and **MPEG**. If your edit the files with such formats, select corresponding checkboxes to accelerate processing of such files in **Movavi Video Editor**.



*Please note*, if there is **Intel®** hardware is installed on your computer, it will automatically be detected by **Movavi Video Editor** so that **H.264** and **MPEG** checkboxes will be selected by default and the **Hardware** option will be chosen in the drop-down menu by default. If you are not going to work with **H.264** and **MPEG** files, it is recommended to clear these checkboxes!

**Note:** After **NVIDIA® CUDA™** activation, **Movavi Video Editor** will automatically define formats supported by CUDA and add CUDA powered icons to the corresponding presets.

This feature is available in case you work with video on the video track.

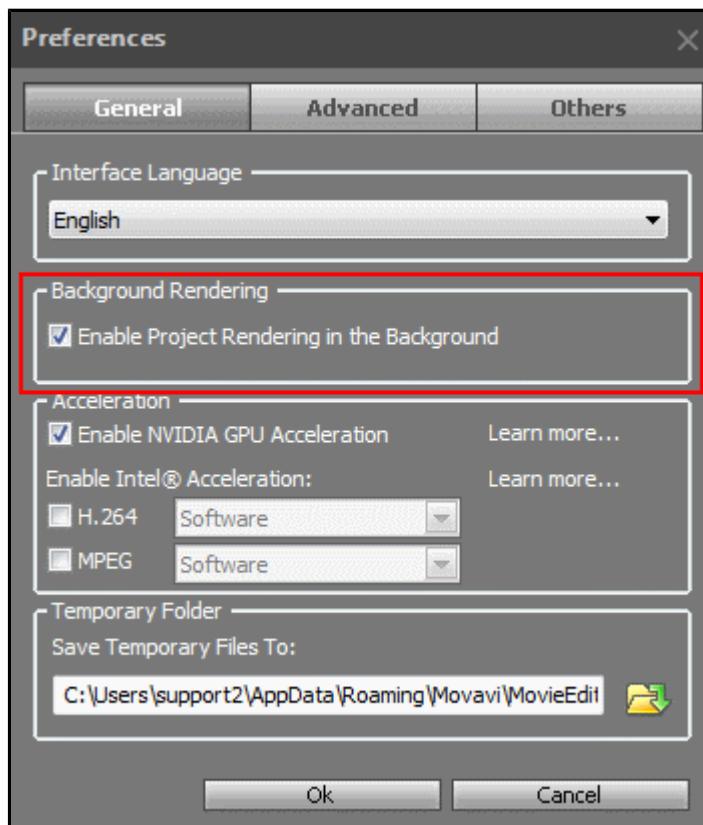
What is **Background Rendering** in **Movavi Video Editor**? Let's assume you work with a big video file, apply several effects, create titles and fades. During this process you will want to preview the result in the **Preview area**. It can happen that the edited video is too large to be run without any braking. So in that case having this option enabled, the copy of the edited video track will be created in the background. This copy will be smaller in size and will be played smoothly in the **Preview mode**. And that copy file is used for previewing of the video only. When you start exporting your video file, the original video file with all applied effects will be exported.

The difference of this feature from the [Fast Track HD technology](#) is that it is not necessary to wait until the whole video file will be rendered. Even if it is rendered partially, it will be previewed in the **Preview mode**, so the previewing will run smoothly.

To enable this feature, perform these steps:

**Note:** A video file have to be added to the video track in the **Timeline panel**.

1. In the main window of **Movavi Video Editor**, click **Edit > Preferences**.
2. In the **General** tab, find the **Background Rendering** area:



3. Select the **Enable Project Rendering in the Background** checkbox.

The feature will be enabled.

If you have a high-performance system and do not have any troubles with previewing your video files, you can disable this feature by clearing this checkbox.

When you add video files of large size to **Movavi Video Editor**, it is possible that after adding some effects to the file, its previewing in the **Preview Area** of the program will be slow down. To avoid this situation, you can use a **Fast Track HD** technology available in the program. This technology allows you to edit large files and play them in the Preview mode without any delay and interruptions.

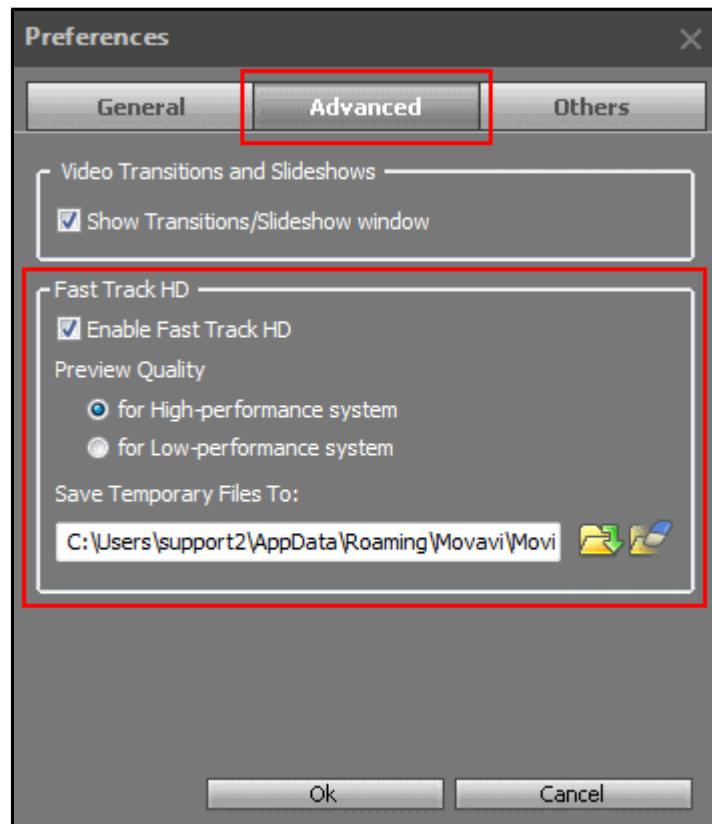
How it works? When you add a large video file to **Movavi Video Editor**, the proxy file will be created in the background. Proxy file is a copy of the original video file but having smaller resolution, quality and size. Such file will be processed faster (and it is used for preview purposes only). So you will be able to edit and preview your video without any delay.

After adding all required effects to your video and finishing editing the video, the proxy file will be replaced with your original video file of large size with consideration of all applied effects. So you are exporting the edited video file of original size, but working in **Movavi Video Editor** with its smaller copy for faster processing.

So if you are not sure, that your computer's resources will allow you to work with large video files smoothly, you can switch on this option in **Movavi Video Editor**.

To enable this option, follow these steps:

1. In the **Menu bar** of the main **Movavi Video Editor** window, click **Edit > Preferences**.
2. In the opened window, move to the **Advanced** tab.



3. In the **Fast Track HD** area, select the **Enable Fast Track HD** checkbox.
4. Select one of the following options depending on the system you have: **for High-performance system** or **for Low-performance system**.
5. Specify the target folder to save the temporary files, or leave the default one.
6. Click **Ok**.

All large files processed with this technology will be displayed at **Edit >Fast Track HD File Queue**.

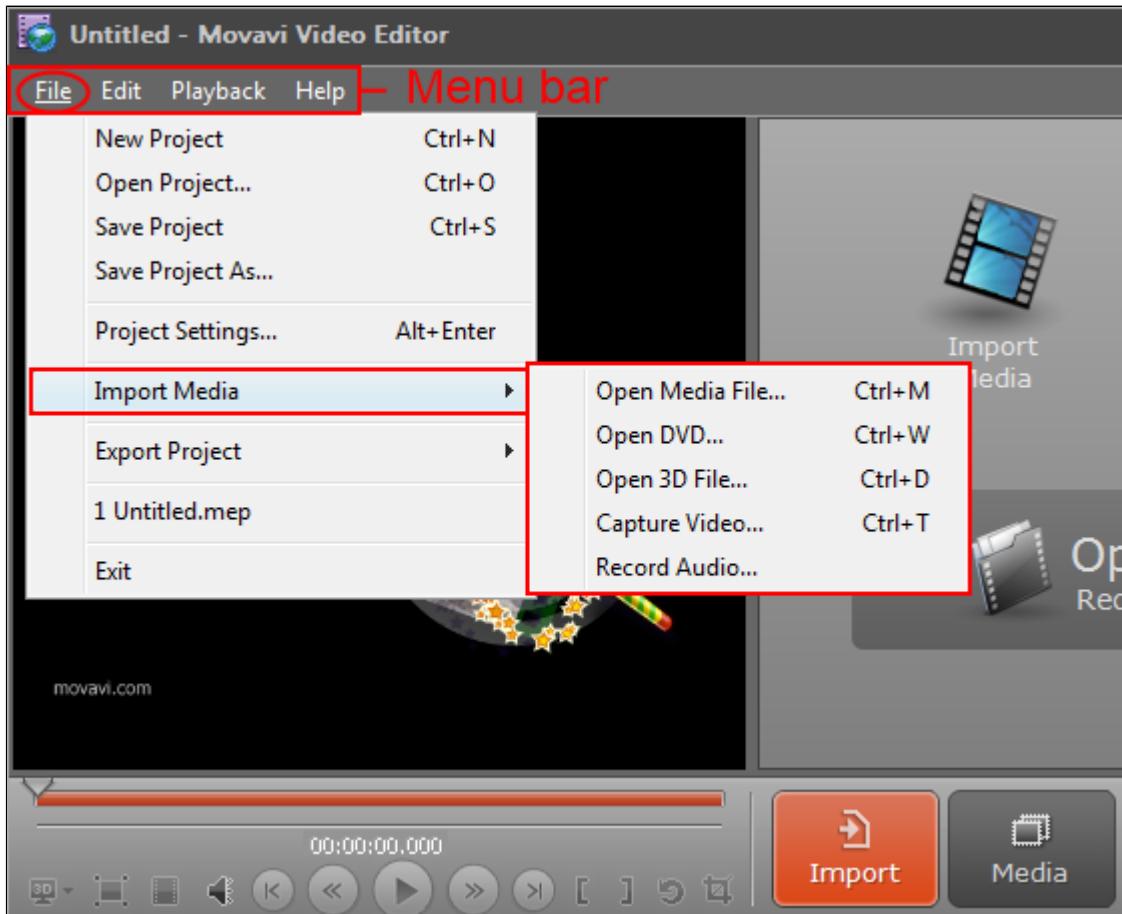
To start editing media files in **Movavi Video Editor** you have to import the required file to the program.

There are two ways to import files to **Movavi Video Editor**: from **Menu bar** and from the **Toolbar**.

## I.

To import the files from Menu bar, follow the steps:

1. Open the **File** menu.
2. Select the **Import Media** option: the list of importing options will open.



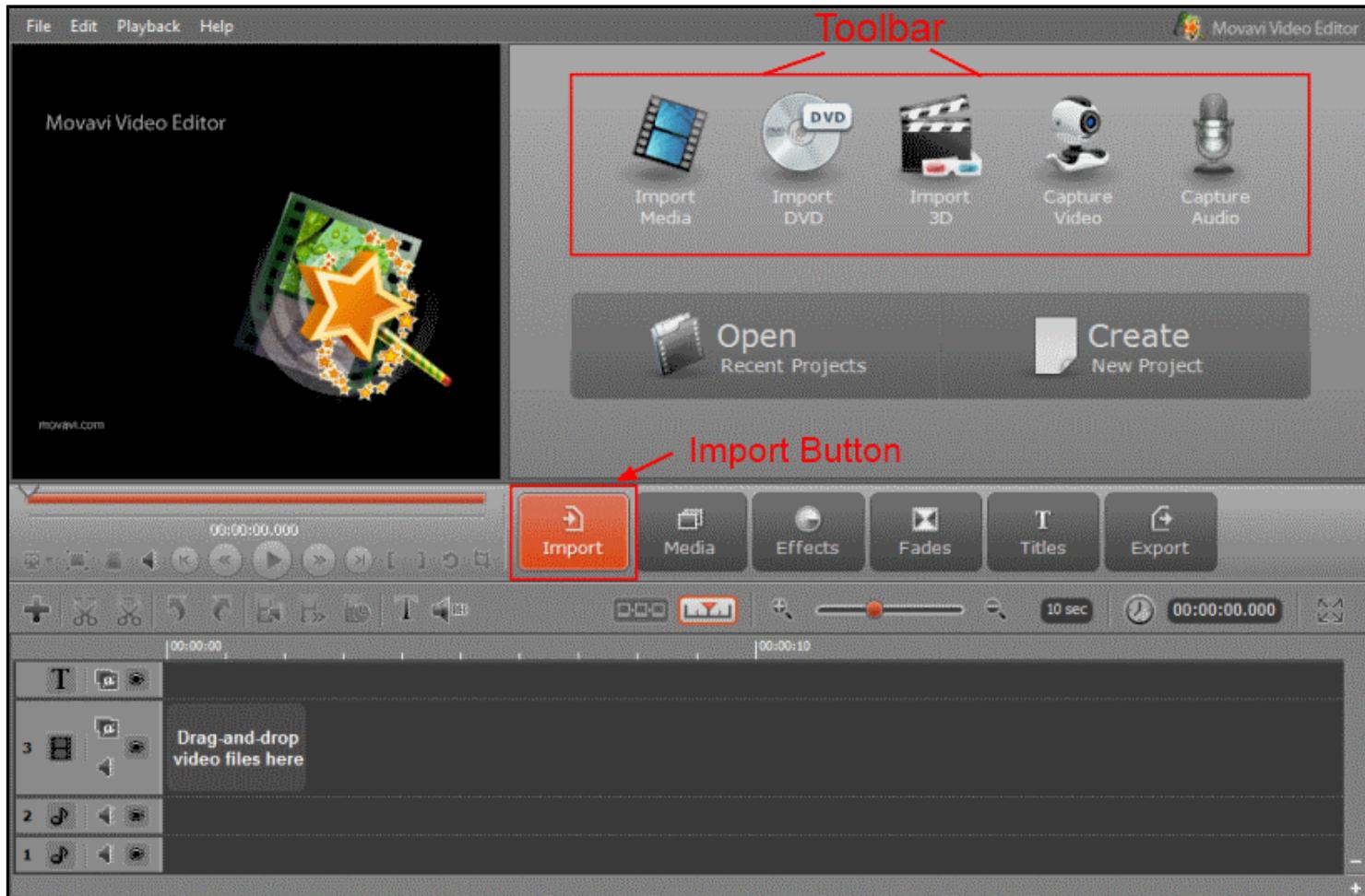
3. Select the option depending on your intentions: either you want to edit a common video or audio file or DVD file; either you want to open 3D file or capture the video from your screen and then to edit that video.

After that the file will be added to the

## II.

To import the files from the Toolbar, follow the steps:

1. Click the **Import** button.
2. Then select the required importing option in the Toolbar:



### 3. Add your video to the Media Library.

You can also capture the video from your screen and after that video file will be added to the Media Library.

Using **Movavi Video Editor Capture Video** module you can capture live video from your DV, HD, HDV cameras as well as TV-tuners connected to your computer. The captured video will be automatically saved on your computer in the **Movavi Library** and opened for further editing in **Movavi Video Editor** main window.

After connecting your DV, HD, HDV camera to the computer, video will be displayed in the **Preview area** of the **Capture Video** module. Here you can manage video playback while capturing video using the control buttons located under the **Preview area**. Please note, if you capture video from the TV-tuner, the control buttons will be inactive.

It is also possible to capture video from your VHS cassettes. In that case your video recorder have to be connected to the computer through the video capture board.

After your video is captured and the video file is created, it will be displayed in the **Captured Video Files** area. These files will be added to the **Movavi Video Editor** main window after clicking the **Done** button. There you can preview and edit them.

**Note:** You cannot open and preview the output file in the **Preview area** of the **Capture Video** module. These files can be viewed in the **Preview area** of **Movavi Video Editor** main window only.

Follow the below steps to capture video using the **Capture Video** module available in **Movavi Video Editor**:

1. Connect a device to your computer (for example, connect webcam using an USB cable or connect a DV camera using a FireWire cable).
2. Launch **Movavi Video Editor**.
3. In the [Import pane](#), click the **Capture Video** button or in the **File** menu select **Import Media > Capture Video**. The **Capture Video** window will open:



4. If several devices are connected to your computer, select a necessary one in the **Video Capture Device** drop-down menu. If there is only one device connected, it will be displayed by default.
5. If several sources of video are available, select a necessary one in the **Video Capture Source** drop-down menu. For example, if you capture video from the TV-tuner, here you can choose the necessary TV channel.
6. If several audio devices are connected to your computer, select a necessary one in the **Audio Capture Device** drop-down menu that you will use to capture audio. If there is only one device connected, it will be displayed by default.
7. If several sources of audio are available, select a necessary one in the **Audio Capture Source** drop-down menu.
8. Specify the folder to save captured video in the **Output Folder** field.
9. Specify a file name for a captured video in the **Filename** field.
10. Click **Start Capture**.
11. Click **Stop Capture** to finish the capturing process.
12. Click the **Done** button to automatically add captured video files to **Movavi Video Editor** for further editing.

Select the **Preview** checkbox to view your video during capturing process.

With **Movavi Video Editor** you can record your voice, music or any other sound using the **Capture Audio** module and then add this audio to your video.

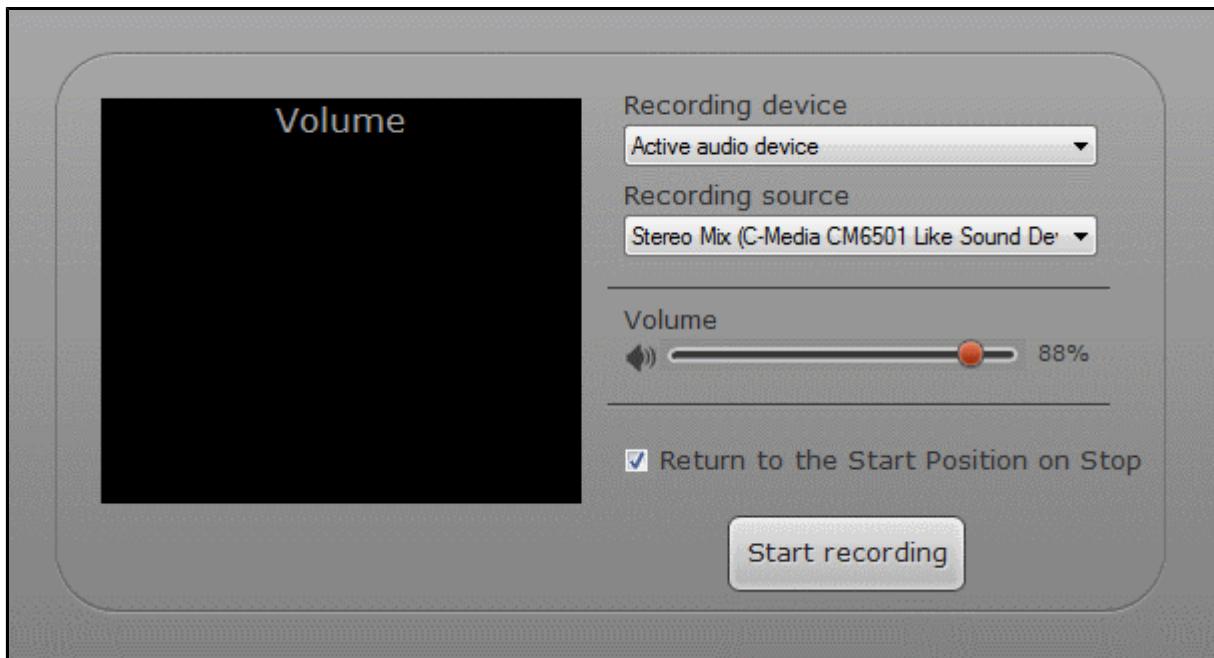
1. Connect audio recording devices to your computer. You can record audio from different sources: microphone, CD-player, telephone line and so on.

2. Launch **Movavi Video Editor**.

3. In the **File** menu, select **Import Media > Record Audio**, or click the **Capture Audio** button in the [Import pane](#). You can



also click  in the [Timeline toolbar](#). As a result, the **Capture Audio** module will be launched:



4. From the **Recording Device** drop-down list, select the device you will use for audio recording. If there is only one audio recording device on your computer (for example, a standard sound card), it will be selected automatically.

5. From the **Recording Source** drop-down list, select a recording source you will use: microphone, CD-player, etc.

6. Specify a volume level for the recorded audio.

7. Click **Start recording**.



The **Rec** indicator will appear next to the **Start recording** button. If you want to stop recording audio, click **Stop Recording**.

After you have recorded audio, the new audio track will be added to the **Timeline panel** of **Movavi Video Editor**. Here you can edit this audio file according to your needs and add this audio to your video.



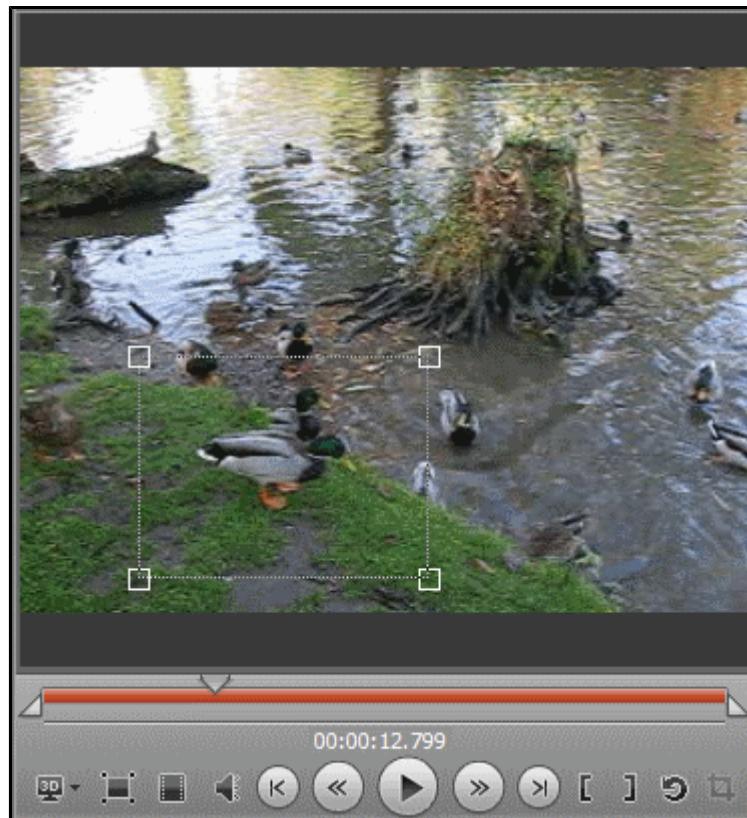
This section describes in detail how to edit video in **Movavi Video Editor**.

In **Movavi Video Editor** you can crop the video picture. Cropping can be helpful if you want to get rid of unwanted video elements (for example, black side bars) or need to change the focus of your video composition.

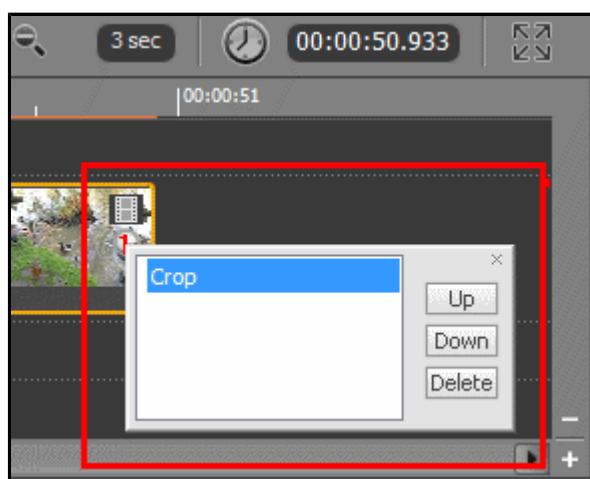
To apply the crop effect to your video:



1. Click  below the **Preview area** or select **Edit > Crop Clip** in the Menu bar. As a result, the cropping area will appear on the picture.
2. Resize the cropping area and change its location by dragging it to a necessary place of the screen:



**Note:** When you apply any effect to the video, you can view the list of applied effect(s) in the properties window. To open the properties window, click the **Number**  icon at the end of the track of the **Timeline panel**. The number shows the quantity of effects applied to this video.



In the **Properties** window you can remove any applied effect.

If you need to change a rotation of the video picture, you can use the **Rotate** effect. This operation may be required if your video was rotated in the process of recording with a camera. You can rotate your video by 90, 180 or 270 degrees.

To rotate your video, click  below the **Preview area**. The video will be rotated by 90°.



**Note:** When you apply any effect to your video, you can view the list of applied effect(s) in the properties window. To open the properties window, click the **Number**  icon at the end of the track of the **Timeline panel**. The number shows the quantity of effects applied to this video.

If you need to cut your video (for example, to cut out the advertisement located in the center of the movie), you can use the **Cut** option available in **Movavi Video Editor**.

The **cut** option allows you to cut out (remove) selected fragment from the video in the following way:

1. Drag a clip from the **Media pane** to the **Timeline panel**.
2. In the preview area drag the right and left markers on the seek slider to define the part of video you want to remove, or choose **Edit > Set Right Marker/Set Left Marker** to define a necessary video part.
3. Click  or select **Edit > Crop Clip**.

As a result, the specified part will be removed from the initial video clip.

**Note:** To place markers to a more precise position, click **Play**, wait until your video gets to a necessary episode, then click **Stop** and click the marker button.

To split video means to divide it into two parts. **Movavi Video Editor** allows you to split the video in the following way:

1. Drag a clip from the **Media pane** to the **Timeline panel**.
2. Drag the slider on the seek slider to specify the border where the video should be split.



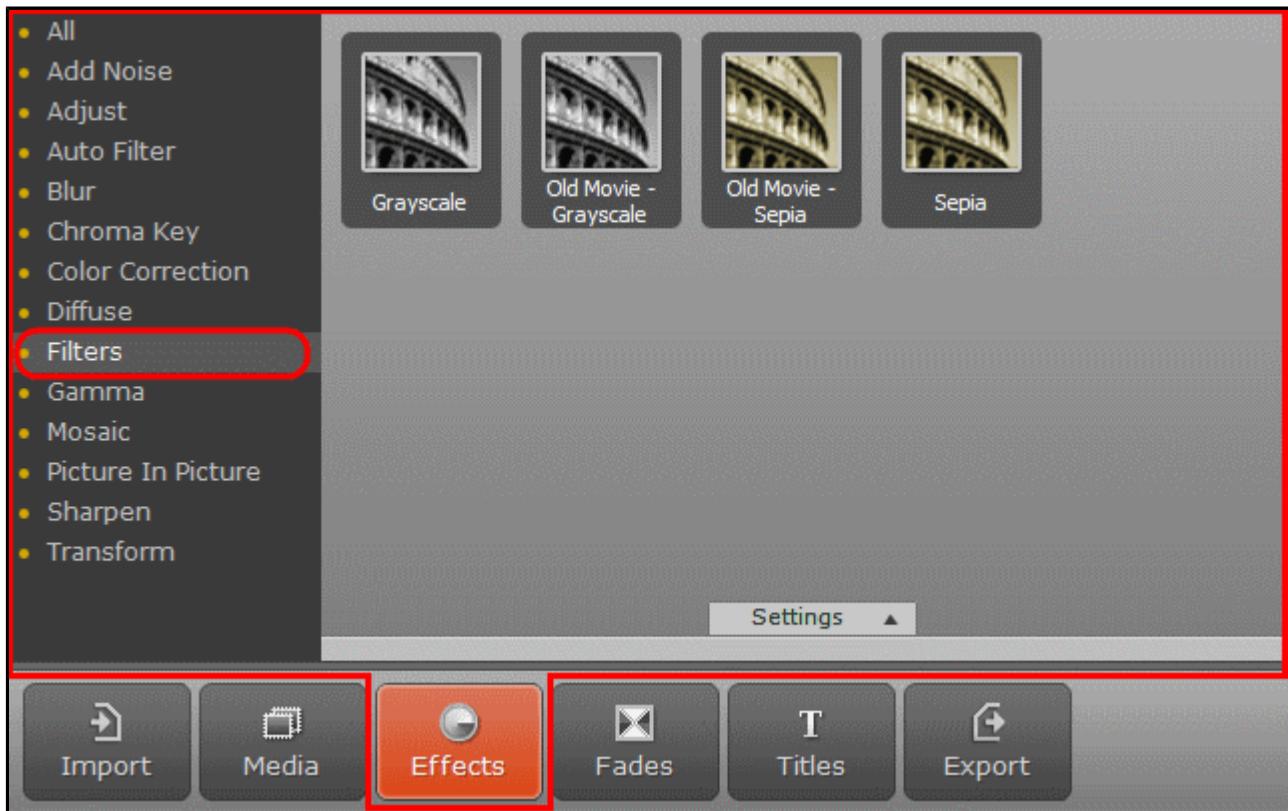
3. Click  or select **Edit > Split Clip**.

As a result, you will get two clips in the **Timeline panel** split at the specified borders.

**Note:** In some cases you may want to remove some part of your video. To do that, use the [Cut](#) option.

**Movavi Video Editor** provides you a wide variety of different filters and visual effects to improve the quality of your video and make it look unique and lively.

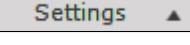
To see the list of available effects and filters, open the **Effects** pane:



In the left-hand side of the pane you can find the list of effects and filters. By clicking on each item, the options of the corresponding effect are displayed in the **Effects pane**. You can select an effect and drag its icon to the [Timeline panel](#). So this effect will be applied to your video.

To learn more about the effects, see the [Filter References](#) section.

To apply a filter to your video, follow the steps:

1. Add video to the **Timeline panel** by dragging it from the **Media pane**, or right-click video in the **Media pane** and select the **Add to Timeline** option from the context menu.
2. Click the **Effects** button.
3. In the **Effects** pane, select an effect that you want to apply to your video.
4. Drag and drop effect icon on the video track in the **Timeline panel** or select a necessary effect, then click on the **Settings**  drop-down arrow, specify effect settings and click **Add**.

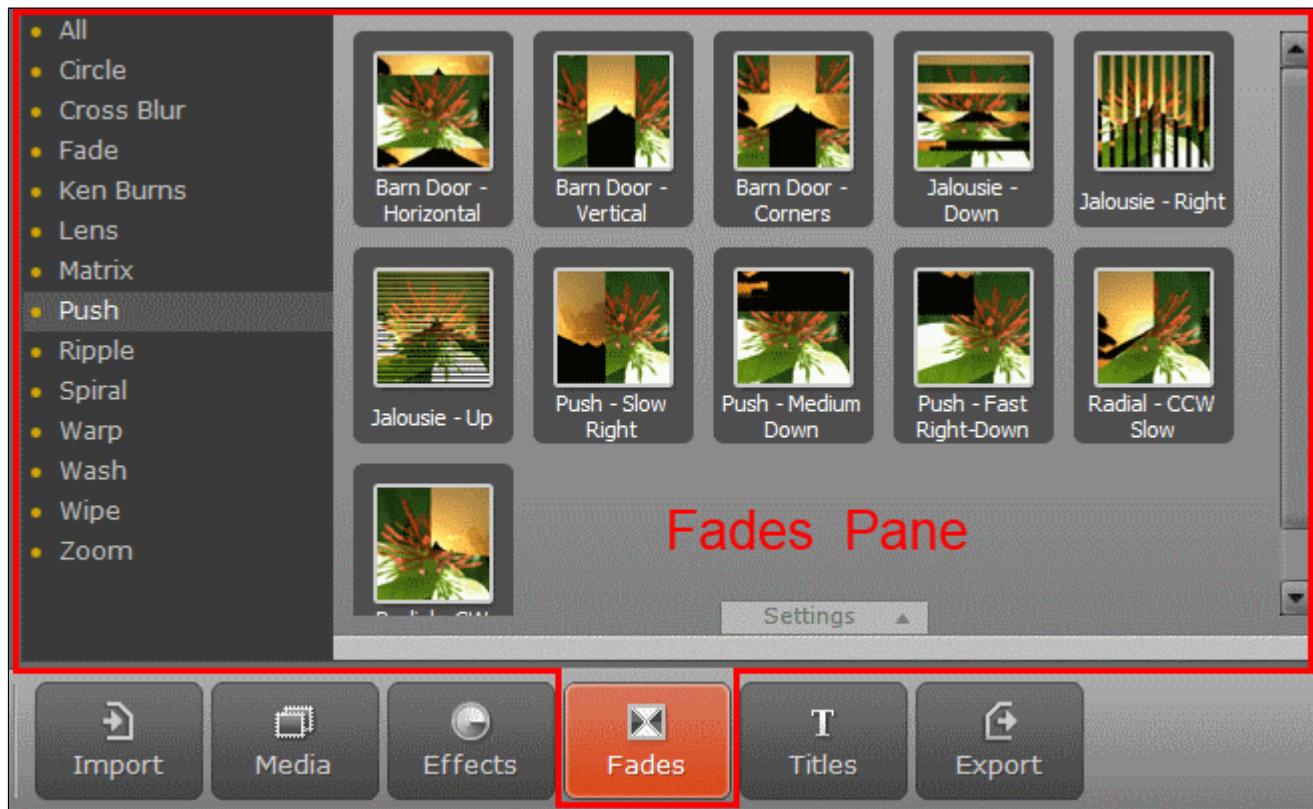
The effect will be added to your video. You can play edited video in real time in the **Preview** area.

**Note:** You can see which effects are already applied to your by clicking the round icon  at the end of the track in the **Timeline panel**. The number shows the quantity of applied effects. Right-clicking on this icon, you can modify or delete an effect.

You may add as many effects to your video as you wish. You can also change the order of applying effects: right-click the **Number** icon and set a necessary order using the **Up** and **Down** buttons.

Besides applying different effects to your video, you can also add various types of Fades. A Fade is added to the end or beginning of the video, endowing it with some visual effect (for example, fading out), or to two clips, making them transfer smoothly one into another. These effects are also applied for creating slideshows.

To see the list of available Fades in **Movavi Video Editor**, click the **Fades** button:



#### Previewing the sample of the Fade:

- select a necessary entry in the list of **Fades** and click **Play** under the **Preview area**.

#### Applying a Fade effect:

- Drag and drop a necessary **Fade** icon from the **Fades pane** to the video track  or between two clips in the **Storyboard mode**.

#### Modifying a Fade effect:

- Click the **Settings** drop-down arrow on the **Fade** pane and change effect settings. To get back to the original settings, click the **To Defaults** button.

#### Deleting a Fade:

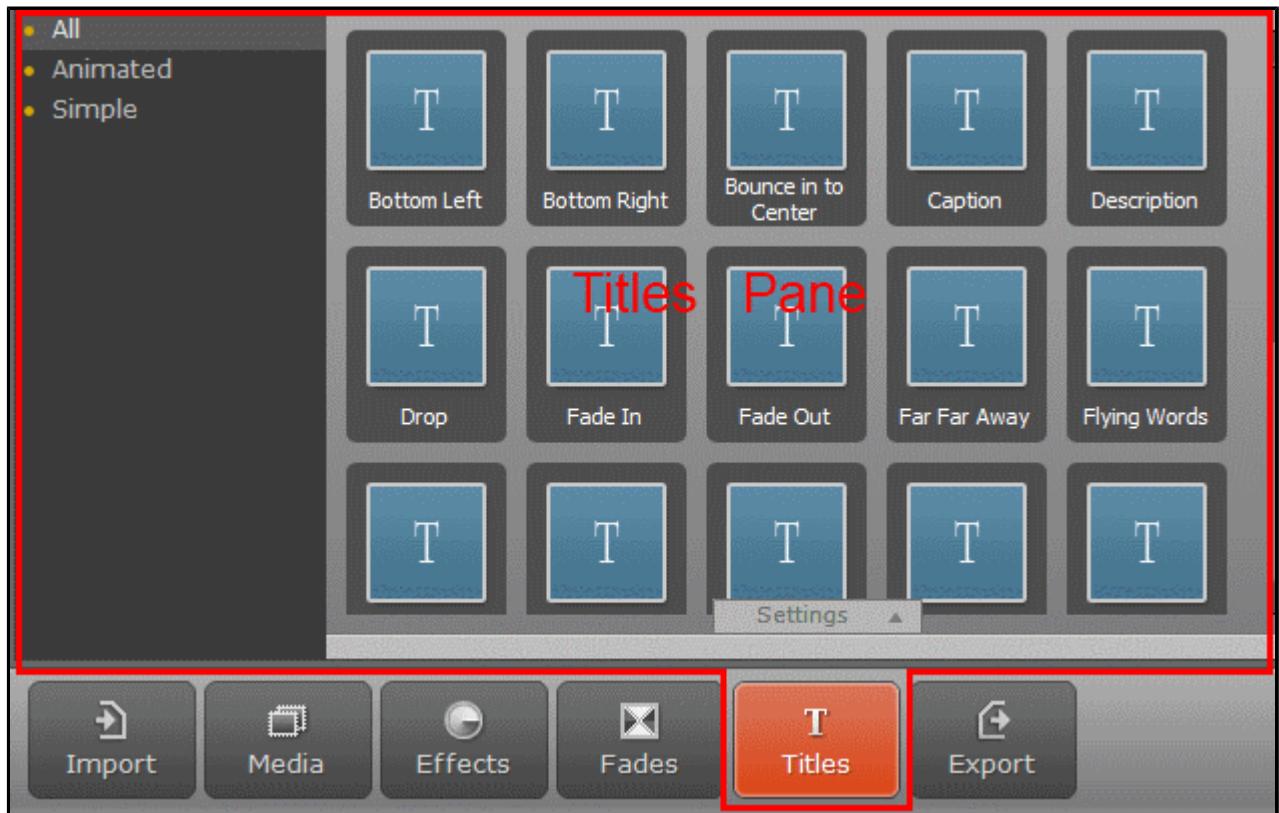
- select a fade effect in the **Timeline panel** and click the **Delete** key on your keyboard, or
- right-click a fade effect in the **Timeline panel** and select **Cut** from the context menu.

**TIP:** Beside applying transitions to video clips and images, you can apply the **CrossFade** effect to audio tracks to make them smoothly blend one into another.



## Adding Text Titles

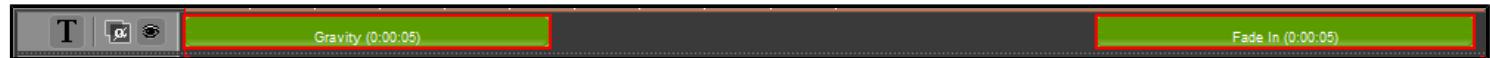
Using **Movavi Video Editor**, you can add text titles to be displayed on your video during playback. It can be your name or your friends' names, your URL or opening and closing credentials for your video.



To add the text titles to the video clip, do the following:

1. In the **Titles** pane, select the type of the titles.
2. Drag and drop the respective title icon to the **Titles** track. The so-called text balloon will appear in the track.

**Movavi Video Editor** allows you to add more than one text title to be displayed on your video clip. If you need a number of text titles to be displayed, drag and drop as many Titles icons as you need.



**Note:** You can move the **Titles** icon to the *video track* to create opening or closing titles at a black background of your video.

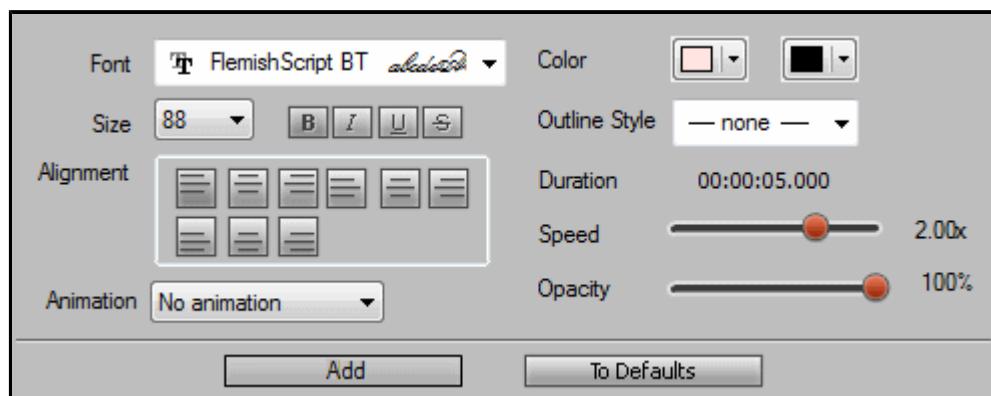
## Customizing Text Titles

You can customize the titles' text in the following way:

1. In the **Titles** pane, click on the desired **Titles** icon. The **Settings** arrow will be highlighted.
2. Click on the **Settings** arrow:



3. In the appeared window, select the font, size, color and other available settings:



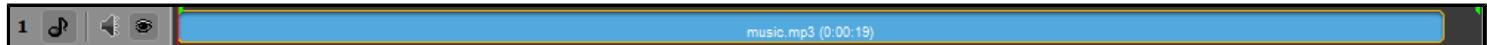
4. Click **Add**.

In **Movavi Video Editor** you can add one or more audio tracks to your video and specify the playback period for each of them.

To do it, follow these steps:

1. [Add audio file\(s\) to Movavi Video Editor](#).

2. Drag and drop the desired audio file from the **Media pane** to the audio track of the **Timeline panel**:



To add one more audio track to the Timeline,

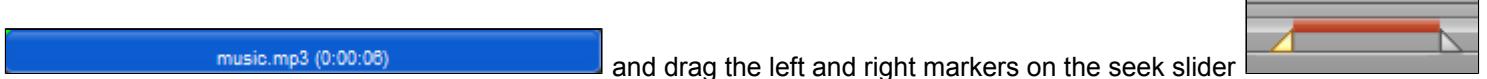


3. Click the  icon in the **Toolbar** of the Timeline and select the **Audio Track** option.

Another audio track will be added to the Timeline. Now you can add another audio file to that track.

This option can be helpful when you add a voiceover to the first audio track and then create another audio track for adding a music to be played as a background.

To define the period of playback for the audio track laid over your video, click the audio balloon in the **Timeline panel**

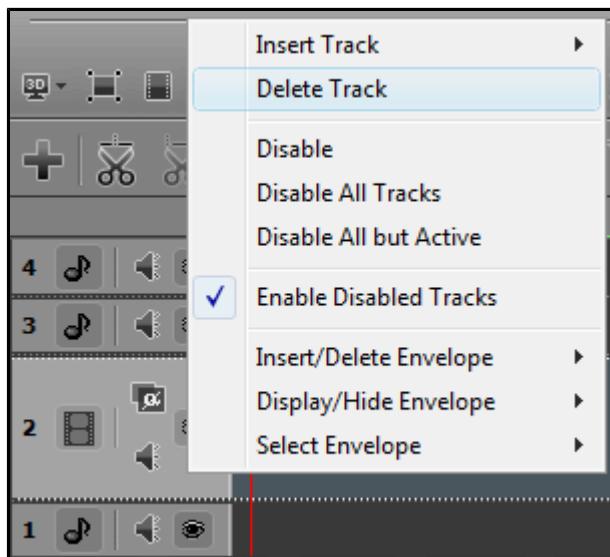


and drag the left and right markers on the seek slider at the beginning and end of audio playback. You can also define the playback limits by dragging the audio track balloon in the Timeline panel to a necessary position.

**Movavi Video Editor** offers a possibility to add as many video and audio tracks as you need. You can lay tracks one over another, change the level of volume, select necessary transparency levels for video tracks to create professional video.

By default, the **Timeline panel** has one video track, one text title track and two audio tracks.

-  **To add a new track**, click the  icon at the **Toolbar** of the **Timeline panel** and select a track that you want to add: *Audio Track*, *Video Track*, *Title Track*. Or right-click the tracks pane and select **Insert Track**.
- **To delete a track**, right-click the tracks pane and select **Delete Track**:



You can also delete initial tracks, which are not required in the process of work with video. For example, if you want to lay audio on your video, you can leave only video and audio tracks and hide the remaining audio and text title tracks from the **Timeline panel**.

You can add up to 100 tracks. Once you export your video project, all tracks will be combined to produce the result video, taking into consideration the transparency level set for the upper one.

With **Movavi Video Editor**, you can set up the speed of video playback, specify required volume level and/or clip opacity level. You can perform these operation for the whole video or for some video episodes.

### **Specifying Volume Level for your Video**

You can set up a volume level for your video or any video episode, in one of the following ways:

- In the **Preview area**, specify the video episode by dragging the right and left markers on the seek slider and click  icon.
- Click the  icon in the **Timeline panel** near the respective track.
- Right-click on the audio or video balloon in the **Timeline panel** and select **Volume**.
- Select the required track in the **Timeline panel** and click the  icon in the **Toolbar** above the **Timeline panel**.

After performing one of these operations, you can specify the volume level in the displayed window.

### **Specifying Video Playback Speed**

To specify a speed of video playback, follow the steps:

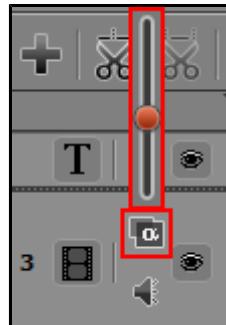
- In the **Preview area**, specify the video episode by dragging the right and left markers on the seek slider and click the  icon in the **Toolbar** above the **Timeline panel**.
- Right-click on the audio or video balloon in the **Timeline panel** and select **Speed**.

In the displayed window, drag the **Playback Speed, %** slider to define necessary speed of playback.

Working with the **Timeline panel**, you can easily change the transparency level of your video and text title tracks. This option can be useful if you are working with a number of video tracks at a time and want them to be laid one over another, need to define different transparency levels for different video clips on the track or just make the text title on your video more opaque or transparent.

To change the transparency level for the video or titles track:

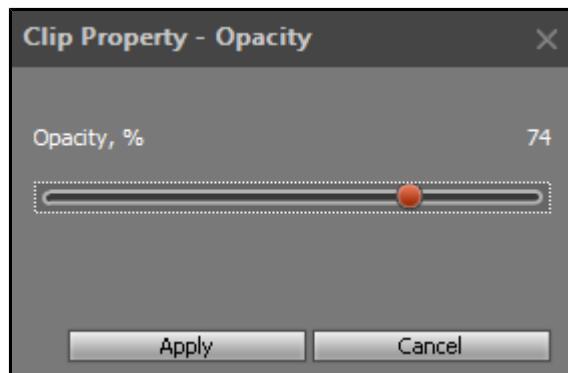
1. Click the **Opacity**  icon on the left of the track:



2. Specify the required level by dragging the slider.

To change the transparency level for a separate clip:

1. Select the clip.
2. Click on it using the right-mouse button and choose the **Opacity** option in the context menu:

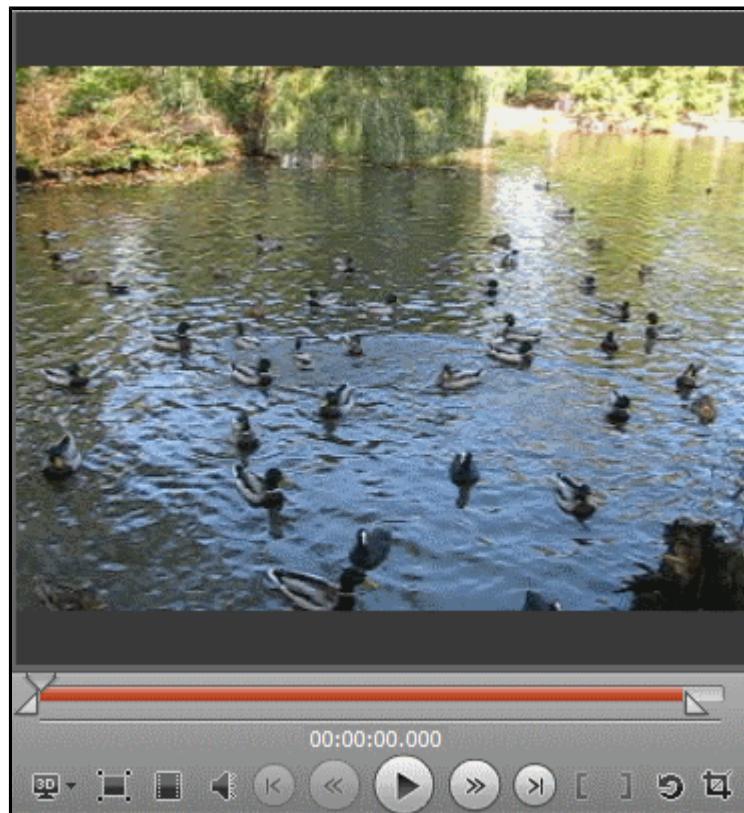


3. Specify the required level by dragging the slider.

4. Click **Apply**.

In **Movavi Video Editor** Preview area you are able to play back and manage your video files during editing process.

These actions can be performed by means of the **Control buttons** located in the **Preview area**:



Find the **Control buttons** description in the [Preview Area](#) section.

**Movavi Video Editor** allows you to edit 3D Video. You can add Stereo 3D Video to the program, apply desired effect to the video, and then export edited video in one of the available 3D formats.

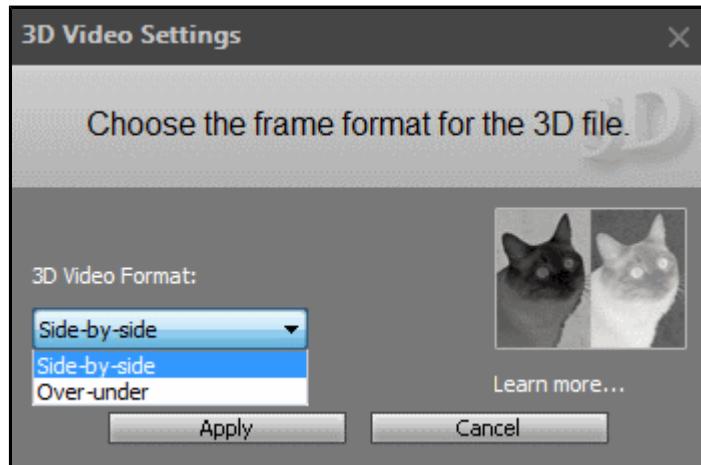
**Note:** You can import Stereo 3D Video only.

To open and edit Stereo 3D video in **Movavi Video Editor**, follow the steps:

1. Launch **Movavi Video Editor**.

2. [Add 3D video](#) you want to edit. The video file will be displayed in the **Media pane**.

While importing 3D file to the program, you will be allowed to choose the frame format for your 3D file:



3. Select the 3D format and click the **Apply** button.

4. Drag and drop this video file to the [Timeline panel](#).

5. [Edit the file](#) or [apply any effect](#).

6. [Save your 3D video file in one of the available 3D formats](#).

You can preview the edited file in the [Preview area](#) in the 2D mode as well as in the Anaglyph mode.

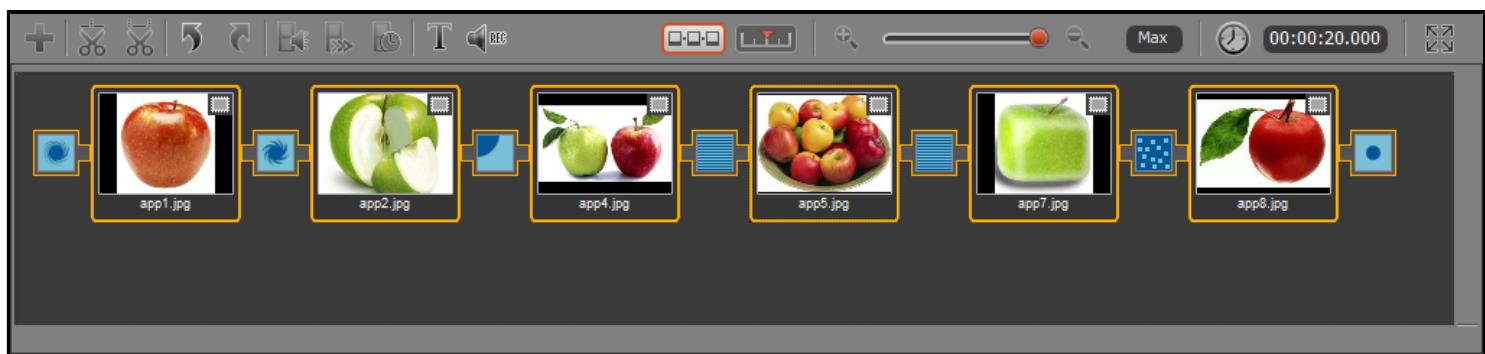
**Movavi Video Editor** allows you to create a beautiful slideshow from your pictures or append images with fades to the beginning and/or to the end of your movie to make it more dramatic.

Here are simple steps on how to do it:

1. Launch **Movavi Video Editor**.
2. In the [Import pane](#), click **Import Media** and add image files, which you want to add to the slideshow. Or select **File > Import Media > Open Media File**.
3. In the [Timeline Toolbar](#) click the **Storyboard**  icon. It is more suitable mode to creating slideshow.
4. Drag and drop the image files one by one from the **Media pane** to the **Storyboard panel**.
5. Go to the **Fades** pane and select the transitions, which you like.
6. Drag and drop **Fades** icons to the **Storyboard** between pictures.

**Note:** You can select all image files in the **Media pane** and drag them to the **Storyboard**. In that case the [Automatic way of creating a slideshow](#) will be offered.

The **Storyboard** will look like on this picture:

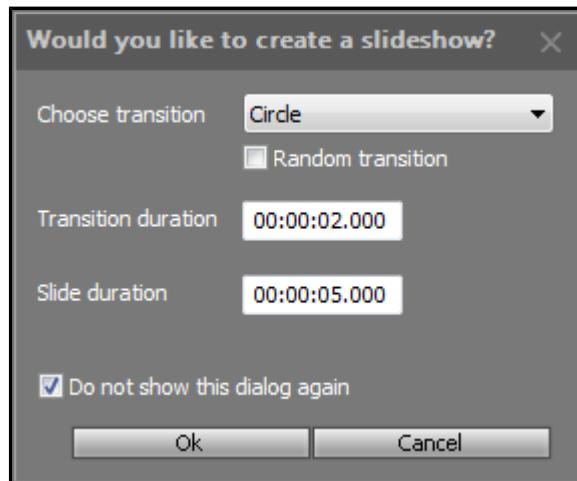


To preview your slideshow, right-click somewhere in the **Storyboard** panel and choose **Select All** from the context menu. Then use the controls under the **Preview** area to run your slideshow.

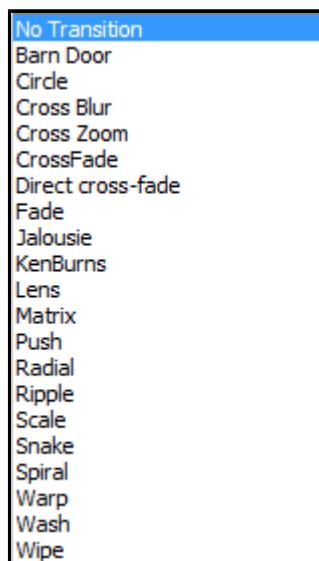
**Movavi Video Editor** allows you to automatically create a slideshow in two steps. You just need to select images, which will be added to your slideshow, then to choose a transition you like and its duration, and that's all! In that case there is no need to manually drag and drop images and fades to the **Timeline**.

This method is suitable if you need to get beautiful slideshow quickly.

1. Launch **Movavi Video Editor**.
2. In the **Import pane**, click **Import Media** and add image files you want to add to the slideshow. Or select **File > Import Media > Open Media File**.
3. Right-click at any place of the **Media pane** and choose **Select all** in the context menu. All images displayed in the **Media pane** will be highlighted.
4. In the **Edit** menu of the **Menu bar**, select **Create Slideshow**. The following window will open:



5. In the **Choose transition** drop-down menu, select the transition you like:



This transition will be applied between all images on the slideshow.

**Note:** If you select the **Random transition** checkbox, different transitions will be added randomly between images.

6. Specify the duration of the transition in the respective field.
7. Specify the duration of each slide in the respective field.
8. Click **Ok**.

Now you can preview the result in the **Preview area** using the control buttons.

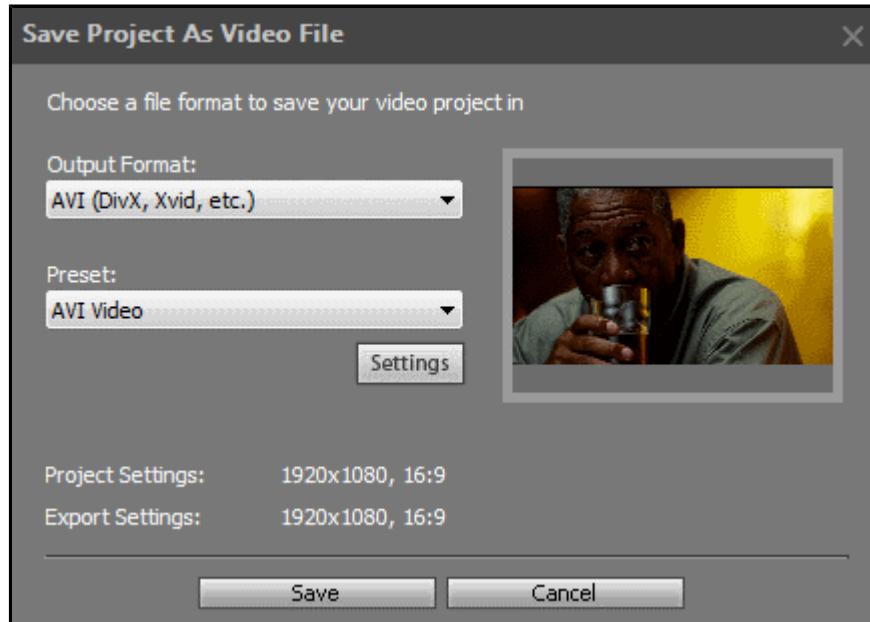




After you have finished to work on your project (for example, to edit your video file or to create a slide show), you can export the media file from **Movavi Video Editor** in the following way: to save video for mobile device, to convert and save video in one of the most popular video formats or 3D format, to burn a project to a DVD, or to upload video online.

## Saving video in a popular video format

1. In the **File** menu, select the **Export Project** option, or click the **Export** button in the [Operation Buttons panel](#).
2. Select the **Save as Video File** option. The following window will open:



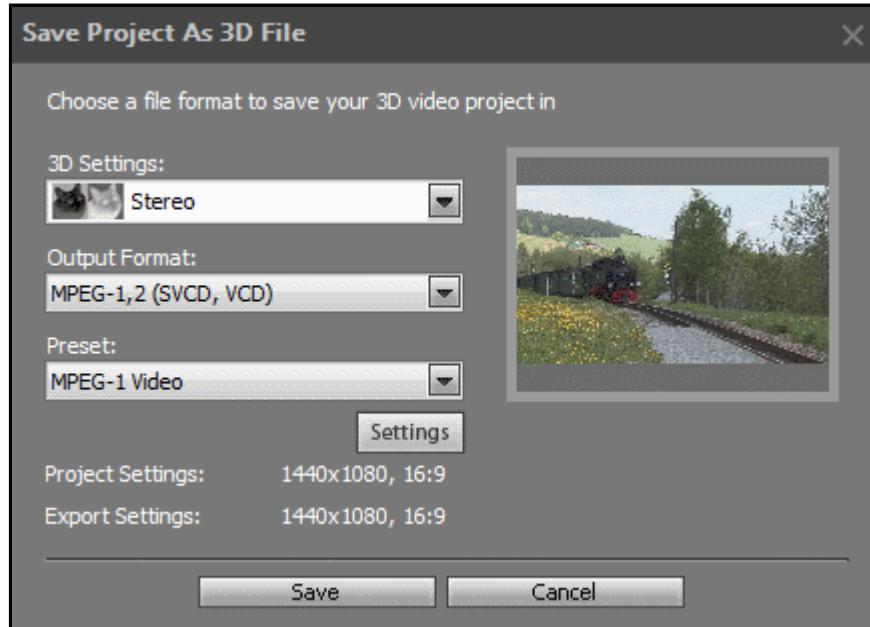
3. In the **Output Format** drop-down menu, select the required file format in which you want to export your file. The **Preset** menu will contain the list of presets corresponding to the option you chose in the **Output Format** menu.
4. In the **Preset** drop-down menu select the option, which better suits your needs.
- Note:** You can modify preset settings by clicking the **Settings** button.
5. Click **Save**.

Then you have to select the destination directory on your computer for saving the file, and after that the exporting process will start.

## Saving video as 3D movie

**Note:** Only 3D video files can be exported to any of the available 3D format.

1. In the **File** menu, select the **Export Project** option, or click the **Export** button in the [Operation Buttons panel](#).
2. Select the **Save Project as 3D File** option. The following window will open:

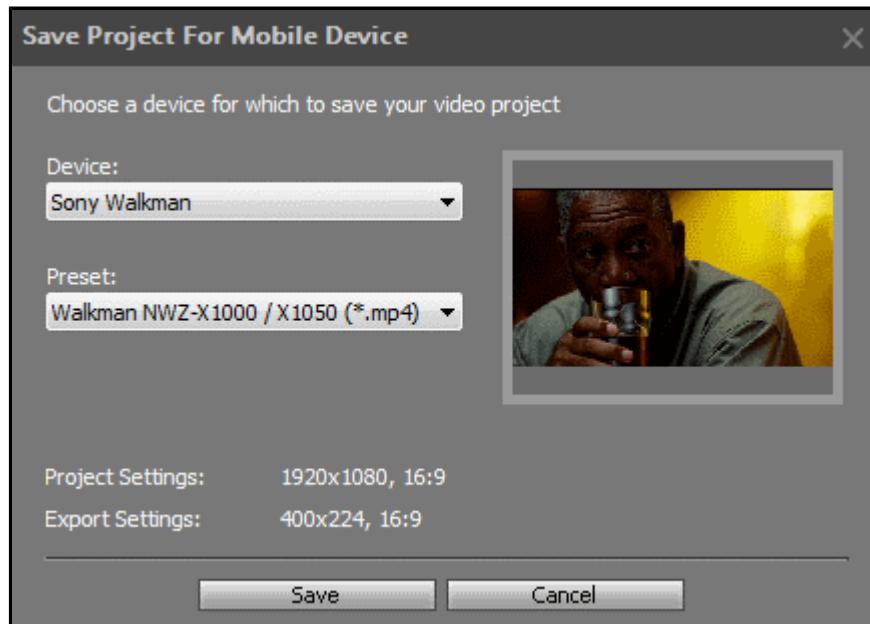


3. In the **3D Settings** drop-down menu, select one of the available 3D effects.
4. In the **Output Format** drop-down menu, select the file format in which you want to export your file. The **Preset** menu will contain the list of presets corresponding to the option you chose in the **Output Format** menu.
5. In the **Preset** drop-down menu, select the format preset, which better suits your needs.
- Note:** You can modify preset settings by clicking the **Settings** button.
6. Click **Save**.

Then you have to select the destination directory on your computer for saving the file, and after that the exporting process will start.

## Saving video for Mobile Devices

1. In the **File** menu, select the **Export Project** option, or click the **Export** button in the [Operation Buttons panel](#).
2. Select the **Save for Mobile Device** option. The following window will open:

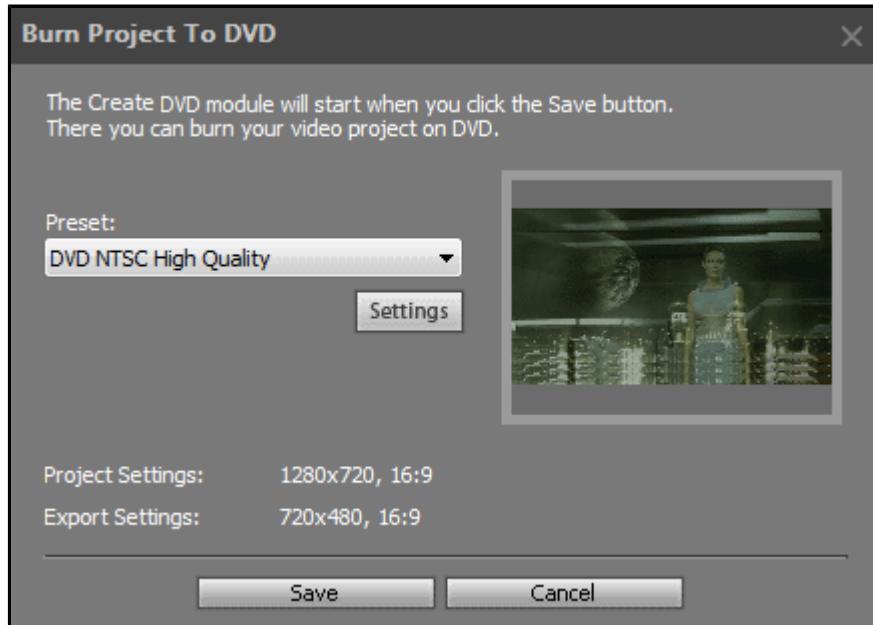


3. From the **Device** drop-down menu, select a device for which you want to save your video. The **Preset** menu will contain the list of presets corresponding to the option you chose in the **Device** menu.
4. In the **Preset** drop-down menu, select the format preset, which better suits your needs.
5. Click **Save**.

Then you have to select the destination directory on your computer for saving the file, and after that the exporting process will start.

## Burning Video to DVD

1. In the **File** menu, select the **Export Project** option, or click the **Export** button in the [Operation Buttons panel](#).
2. Select the **Burn to DVD** option. The following window will open:



3. In the **Preset** drop-down menu, select the format preset, which better suits your needs.

**Note:** You can modify preset settings by clicking the **Settings** button.

4. Click **Save**.

The Create DVD module will be started. Now you can burn your video on DVD.



This chapter contains step-by-step instructions on using the most popular and complex effects in **Movavi Video Editor**.

**Chroma key** is the technology of combining two pictures or video streams in one composition. Nowadays this technology is often used on TV and in film making. During film production an object is located in front of monochromatic background. The most commonly used background colors are green and blue though other distinct colors also can be used. Then this background is replaced by a necessary clip: burning car, map for weather forecast or a beautiful landscape.

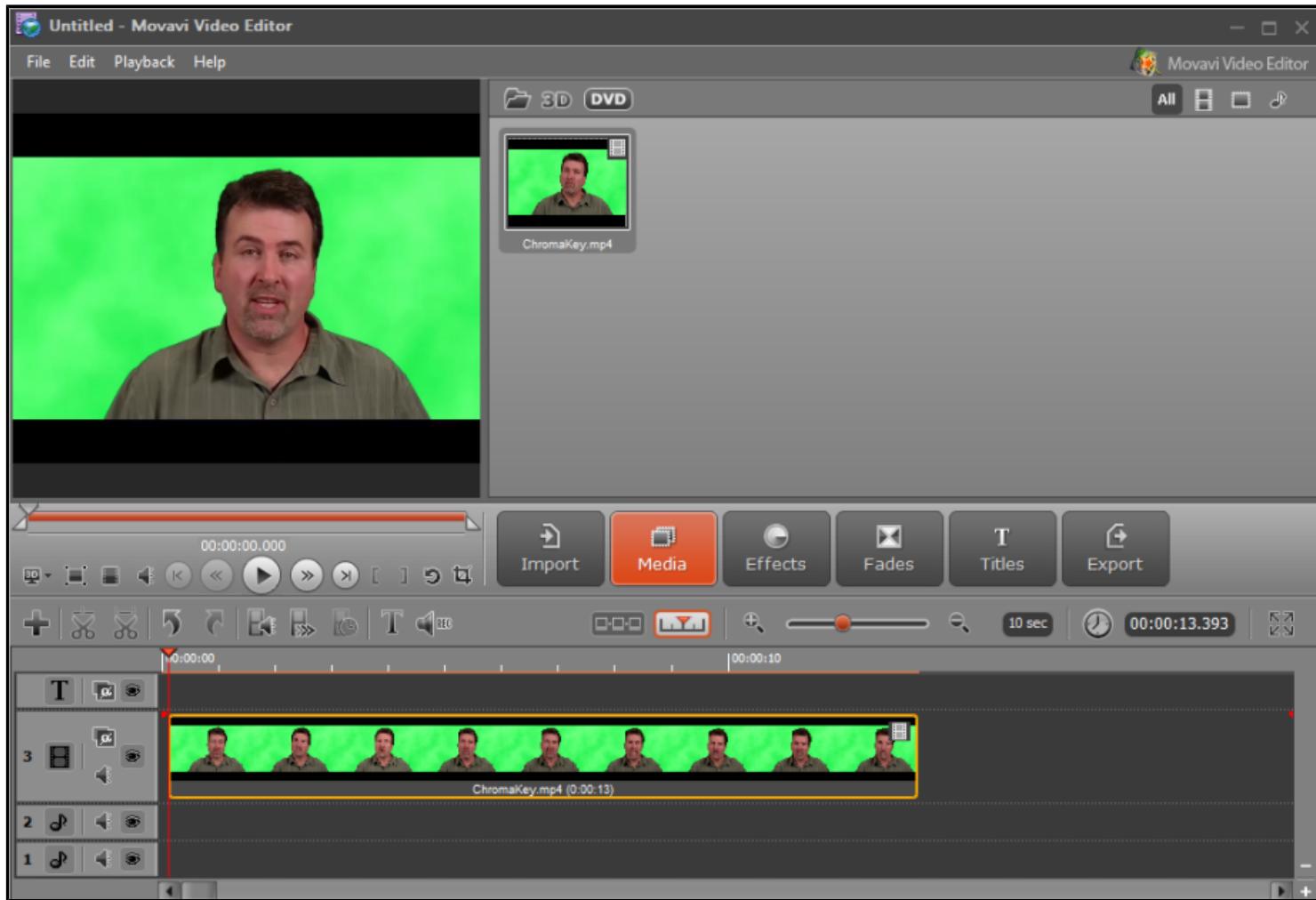
**Movavi Video Editor** allows you to add any background video or picture to your video.

**Important!** In order to use the **Chroma key** effect correctly in **Movavi Video Editor**, you have to add two media files to the program (the main video file and the background media file), then you should create second video track on the **Timeline panel** (the first one exists by default), so it should be two video tracks on the **Timeline**: the upper one and the lower one). Then you have to put the main video file on the upper video track, and the background media file - on the lower track. The **Chroma key** effect have to be applied to the upper video track (to the main video file).

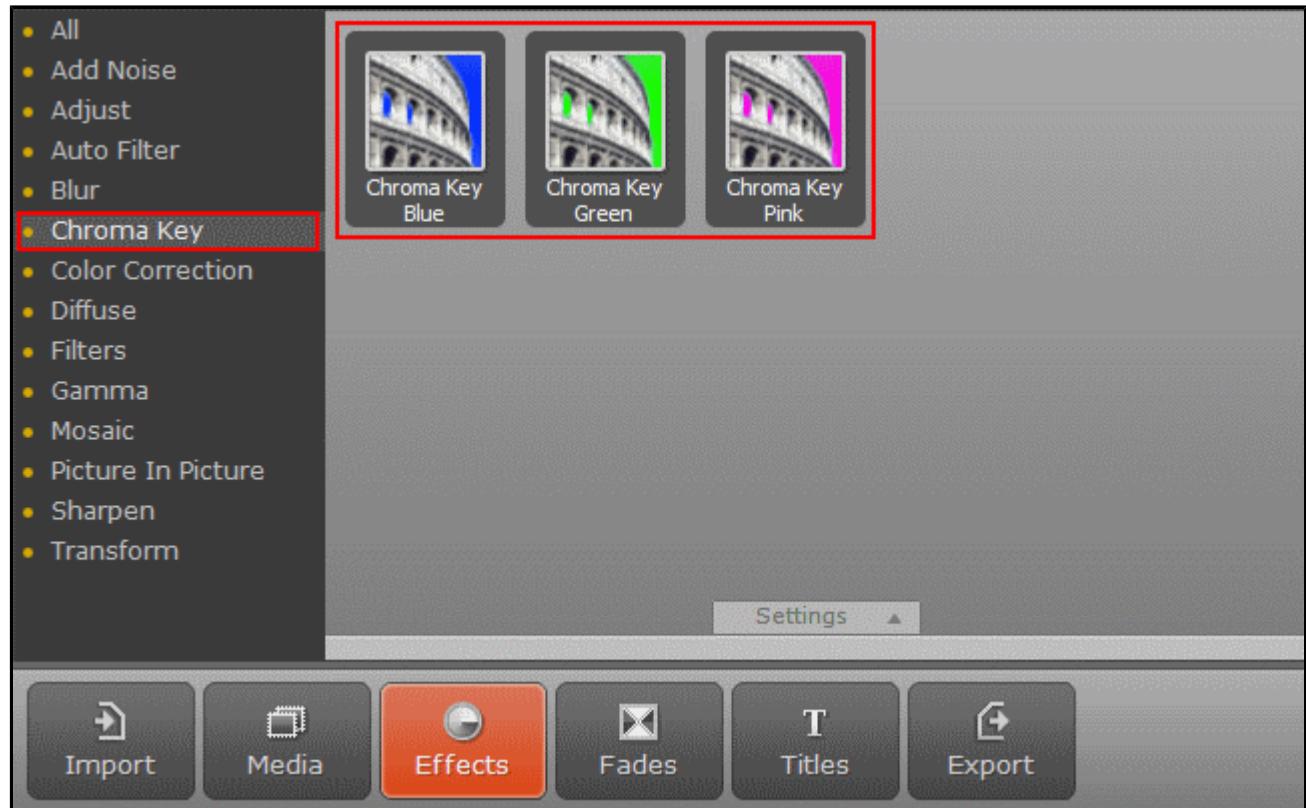
So, follow the below steps to perform this procedure correctly:



1. Launch **Movavi Video Editor**.
2. [Add a video clip](#) with a solid background color to your project.
3. Drag and drop this video file from the **Media** pane to the **Timeline panel**.



4. Select the clip in the **Timeline** by clicking the left mouse button.
5. Open the [\*\*Effects pane\*\*](#) and select the **Chroma Key** effect in the list of available effects.  
Three **Chroma Key** color options will be available:



**6. Select the background color by clicking on the respective icon: **Chroma Key Blue**, **Chroma Key Green** or **Chroma Key Pink**.**

You can pick up the distinct color for your background:

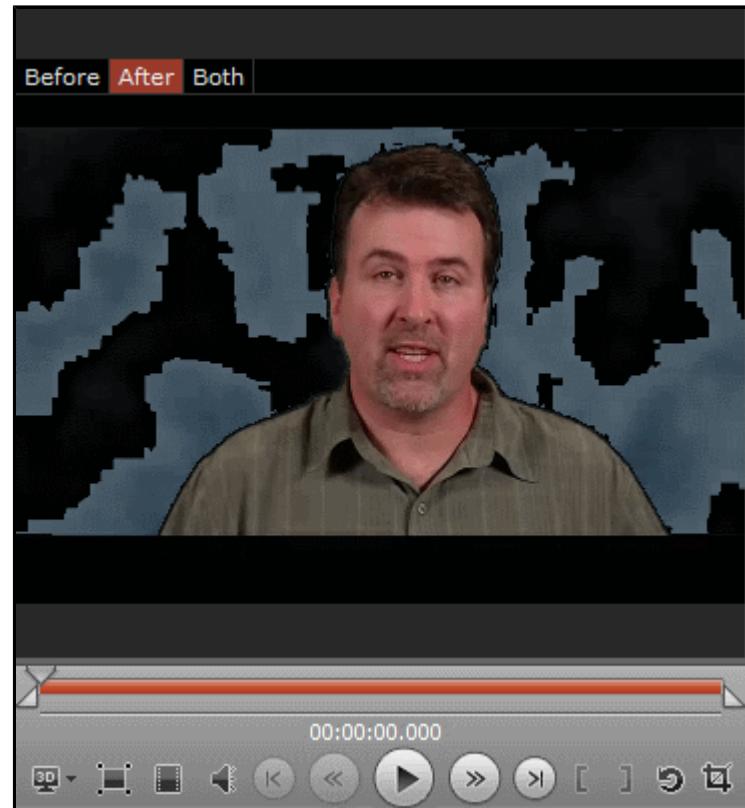
**6.1** Click the **Settings** drop-down arrow.

**6.2** Select the **Picker** checkbox in the **Settings** window.

**6.3** In the **Preview area** click on the background of the picture to select the needed color.

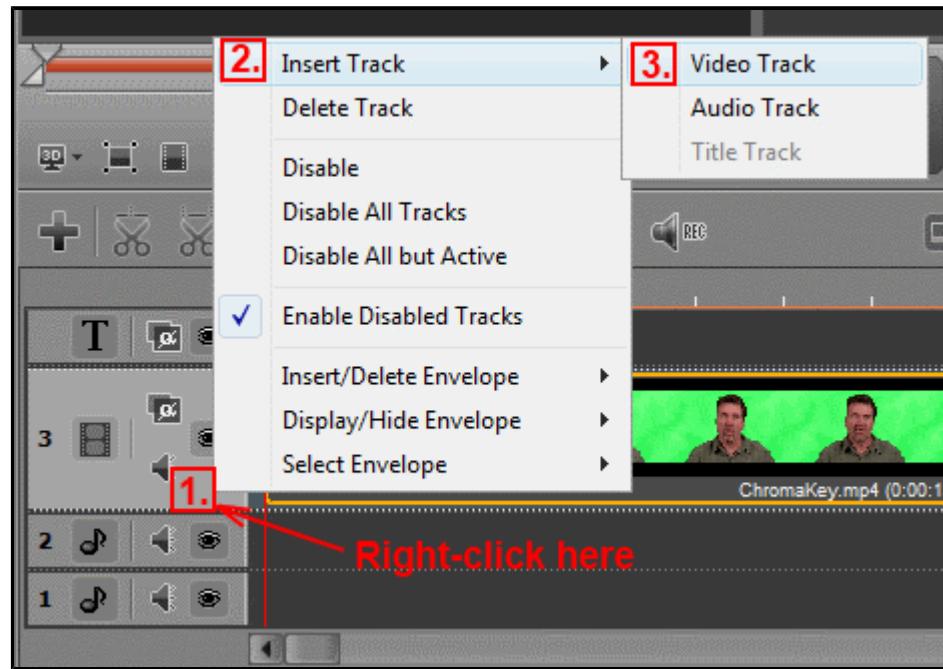
**6.4** Click **Add**.

The effect will erase your color background.



Now you need to add a background picture or video to your clip. Do it in the following way:

7. Add the second video track to the Timeline:

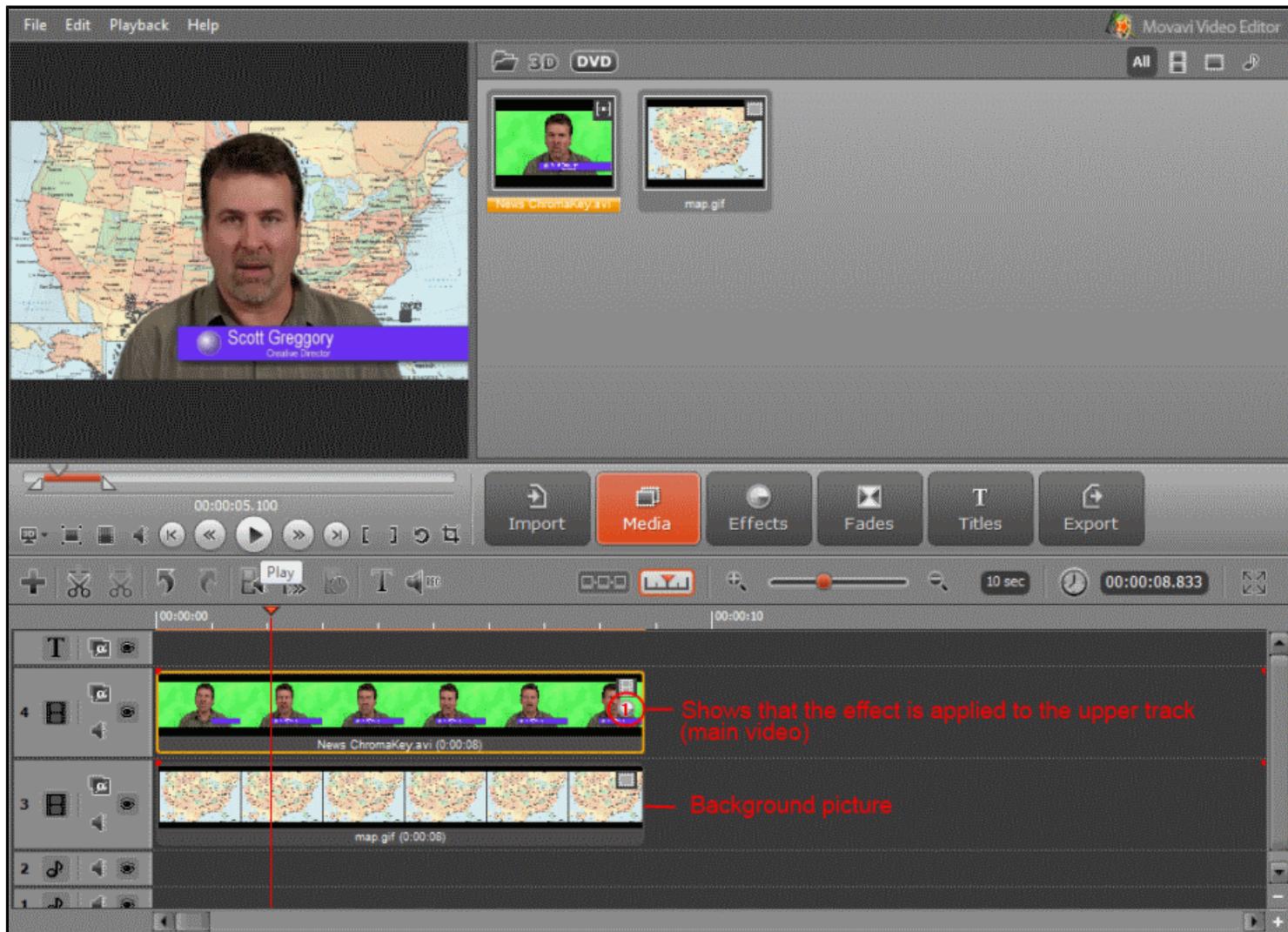


8. [Add a background picture](#) or video file to the **Media** pane.

9. Drag and drop this media file from the **Media** pane to the lower track on the **Timeline** panel.

**Important:** The main media file should be located on the upper track of the Timeline panel and the track with the background media file should be located on the lower track of the Timeline panel!

If you put the video on which you applied the **Chroma key** effect on the lower track, you can just change the location of the tracks by dragging the lower track over the upper one.



10. Right-click on the **Timeline panel** and choose **Select All** from the context menu. Both tracks will be high-lighted.

11. Check that needed **Chroma Key** effect icon is high-lighted in the **Effects** pane.

The **Chroma Key** effect is applied to your project. You can preview the result video in the **Preview Area**. If it suits your needs, you can start exporting new file.

12. Click the **Export** button and choose the method of saving the file. Depending on your choice, select the appropriate preset for the output file.

**Picture in Picture (PiP)** is the technology applied mostly in television. With this effect there are two media streams displayed on the screen. The main one is displayed on the whole screen, and the second one - in the small window located in any place on the screen. It can be two video streams, or, for example, a logo (a picture) located in the corner of your video.

**Movavi Video Editor** allows you to apply this effect on several simple steps:

1. Launch **Movavi Video Editor**.

2. [Add two media files](#) (two pictures or two video files), which you want to display on one screen.

3. Drag and drop these video files from the **Media pane** to the **Timeline panel**.

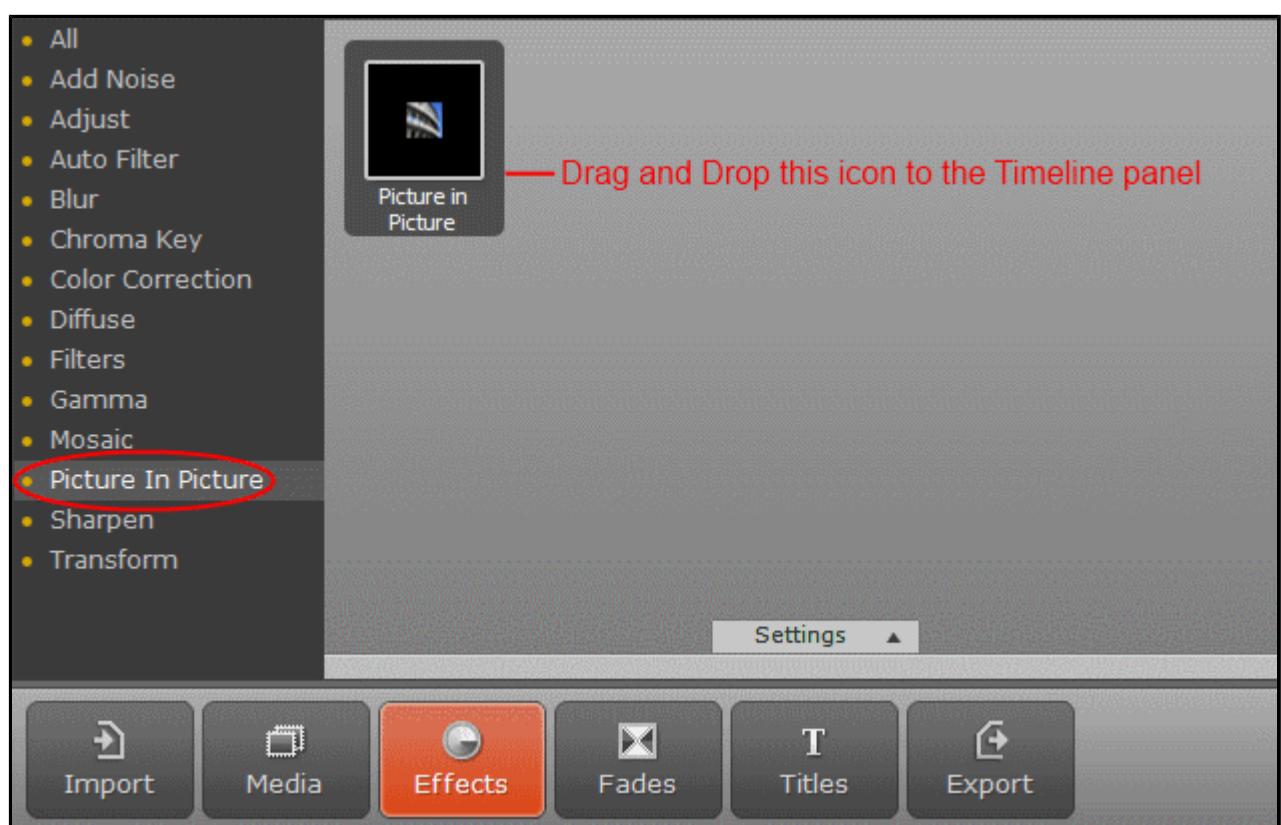
*Note, that those video, which you want to display in the small window, should be placed on the upper video track. And the **Picture in Picture** effect should be applied to this track.*

4. [Add second video track to the Timeline panel](#) to place a second media file on it:



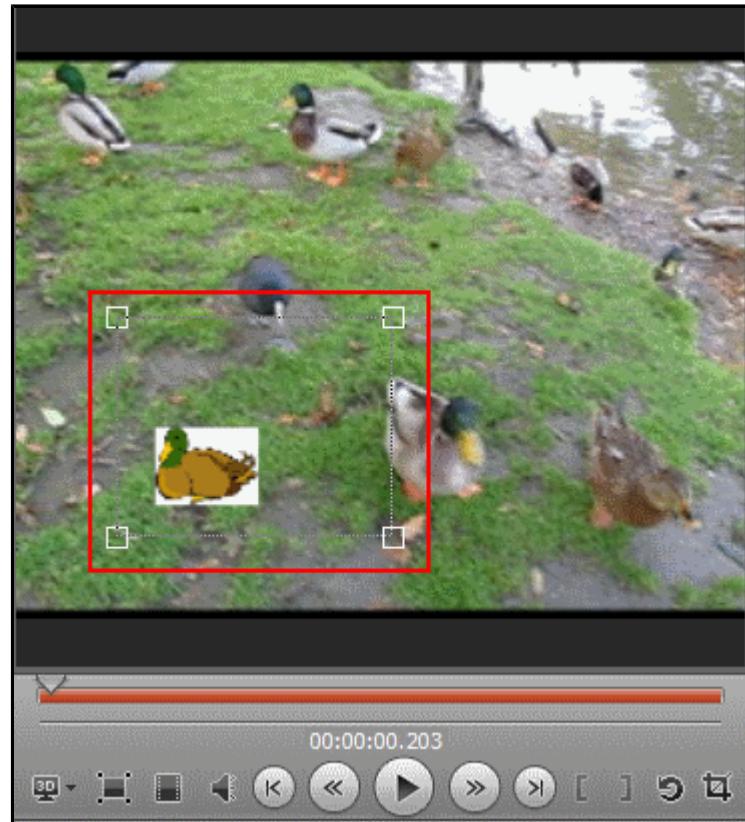
5. Select the upper track in the **Timeline** with the left mouse button click.

6. Open the [Effects pane](#) and select the **Picture in Picture** effect in the list of available effects:



7. Drag and drop the effect icon to the upper video track.

8. Move and resize the small window in the **Preview Area** depending on your needs:



9. Click on the **Play** button to preview the result. And if it suits your needs, start saving the output media file.

10. Click on the **Export** button and [select the way of saving your output file](#).

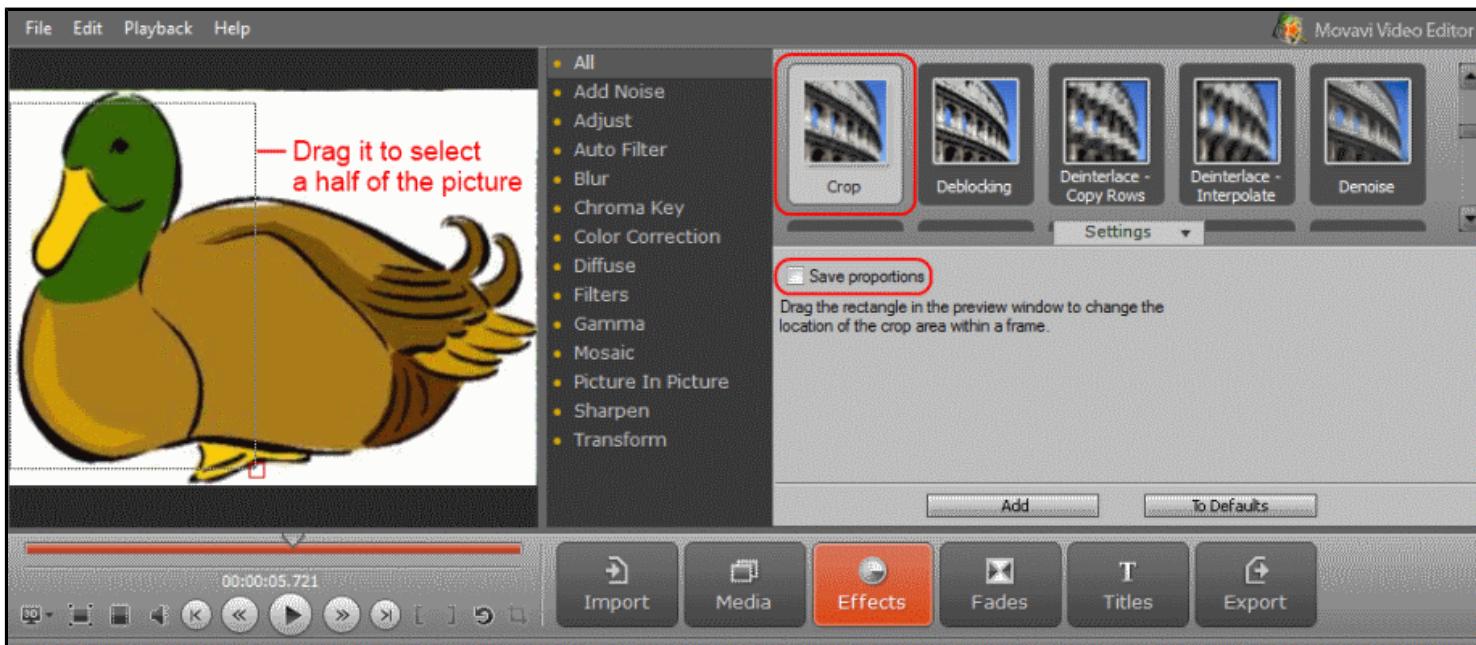
11. Select the output file format and the target folder to save your file.

12. Click **Save**.

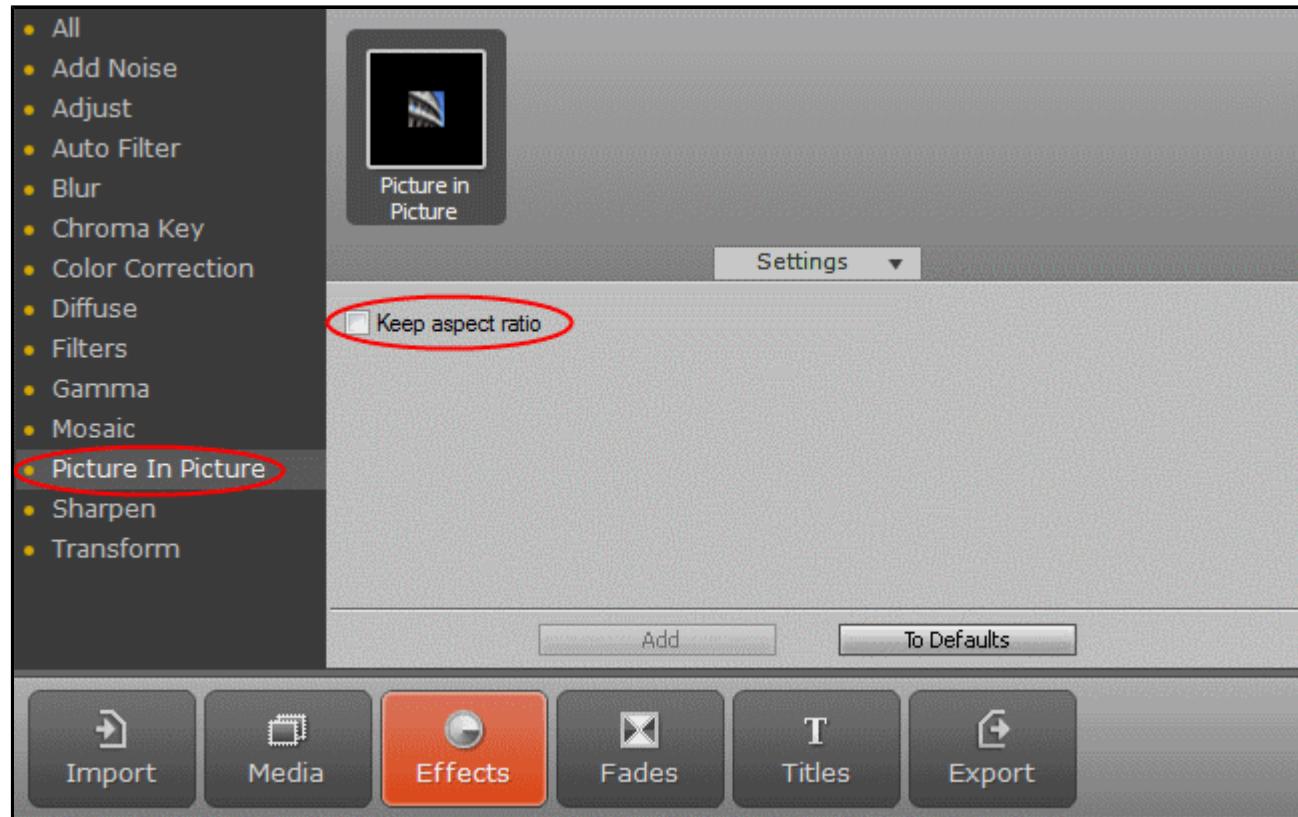
After the exporting process is finished, you can check the result by clicking the **Play File** button.

You may need to divide the screen in two equal parts to display two video streams. Follow the below instruction on how to do it in **Movavi Video Editor**:

1. Launch **Movavi Video Editor**.
2. [Add two media files](#) (two pictures or two video files), which you want to display on one screen.
3. Drag and drop these video files from the **Media** pane to the **Timeline panel**.
4. [Add second video track to the Timeline panel](#) to place a second media file on it.
5. Select the upper track in the **Timeline** with the left mouse button click.
6. Open the [Effects pane](#) and select the **Crop** effect in the list of available effects:



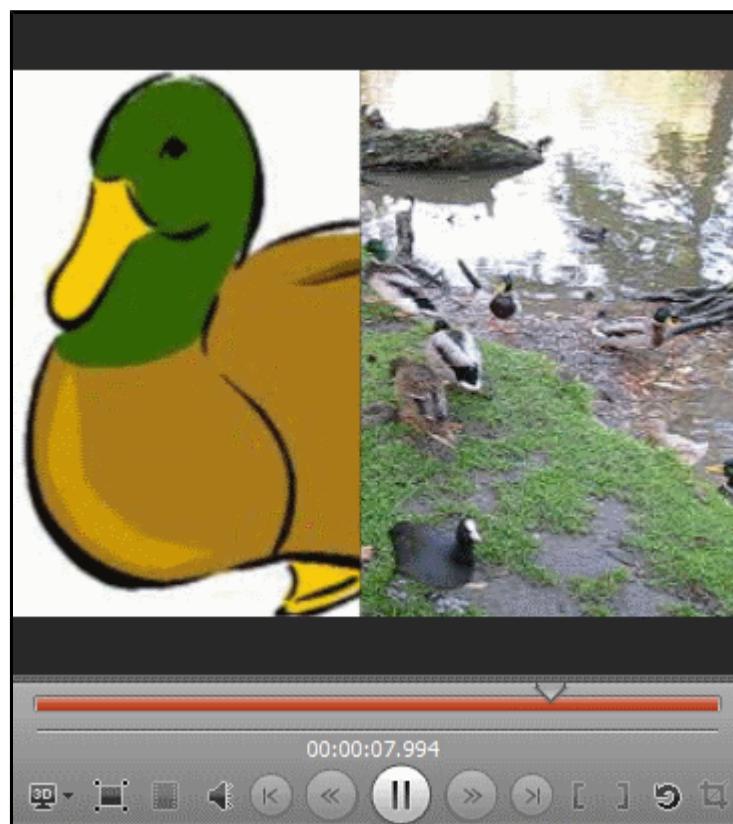
7. Click the **Settings** drop-down arrow and clear the **Save proportions** checkbox.
8. Drag the rectangle in the **Preview Area** to select a required half of the picture. Click **Add** in the **Settings** window.
9. Then, without any changing, select the **Picture in Picture** effect in the **Effects** pane and add its icon into the upper track of the **Timeline panel**.



10. In the **Settings** drop-down window of the **Picture in Picture** effect pane, clear the **Keep Aspect Ratio** checkbox.

11. Stretch the picture that you have cropped over a half of the screen in the **Preview Area**.

In any place of the **Timeline Panel**, right-click the mouse button and choose **Select all**. Both video tracks will be highlighted and the output picture will be displayed in the **Preview window**:



12. Click on the **Play** button to preview the result. And if it suits your needs, start saving the output media file.

12. Click on the **Export** button and [select the way of saving your output file](#).

14. Select the output file format and the target folder to save your file.

15. Click **Save**.

After the exporting process is finished, you can check the result by clicking the **Play File** button.

- **Magic enhance** - a powerful filter that can improve the quality of almost any video and fix various video defects. The **Magic Enhance** filter automatically removes any color casts by calculating the best balance of colors for each frame of the video. This filter also fixes brightness, contrast and color levels.
- **Auto contrast** - this filter automatically calculates the best contrast for the frame. It enhances highlights and shadows, making the dark parts of the frames darker, and the light ones lighter. It adjusts the entire movie using histograms of every individual frame.
- **Auto Contrast** can drastically improve the appearance of the movie. In combination with the **Auto Saturation** and the **Auto WhiteBalance** filters, it significantly brightens the video stream.
- **Auto saturation** - sometimes called Chroma, is the strength and purity of the color. The **Auto Saturation** filter automatically adjusts saturation of the entire image.
- **Auto white balance** - this filter automatically calculates the best white balance values according to the lighting conditions in the video. It fixes the error when the white color appears gray or blue.
- **Deinterlace** - the filter removes interlace effect in the movie. Many digital camcorders divide each frame into a set of even and odd horizontal raws: even raws are recorded first, and then the odd raws. So, each frame you see consists of two consecutive pictures. This mixture is called interlacing. It allows compressing video without using digital compression methods. But if you record a fast moving object (sport competition, racing, pets, children and so on), it can be at one place in the "even" picture, and at another in the "odd" one. As a result, you get a "striped" picture. The **Deinterlace** filter transforms the mixed frames into normal video frames and removes the interlaced horizontal raws.
- **Brightness** - the filter provides advanced options for adjusting brightness and contrast. This filter allows manual enhancement for highlights and shadows, making them darker or lighter. Use this filter to repair very dark videos.
- **Contrast** - the filter provides advanced options for adjusting contrast. The filter allows manual enhancement for highlights and shadows, making them darker or lighter. Use this filter to repair very dark videos.
- **Blur** - the filter smoothes the edges of low bandwidth movies. It eliminates also the excessive high-frequency noise that appears when using digital zoom or after enlarging small-size clips.
- **Sharpen** - the filter focuses blurry frames by increasing the contrast of adjacent pixels. It makes the image more detailed, however it may increase the amount of noise.
- **Hue/Saturation** - the filter is created for adjusting a hue and saturation of video clips. It is helpful, for example, when video was captured with too low saturation, and there is a need to increase it.

- The **Hue** filter lets you adjust the hue of an entire image. Hue is the color reflected from or transmitted through an object. It is measured as a location on the standard color wheel. A positive value indicates clockwise rotation, a negative value - counterclockwise rotation. Values range from -180 to +180.
- The **Saturation** filter, sometimes called Chroma, deals with the strength or purity of a color. Saturation represents the amount of gray in proportion to the hue. Their values range from -100 (percentage of desaturation, duller colors) to +100 (percentage of saturation increase). On the standard color wheel, saturation increases from the center to the edge. The **Saturation** filter lets you adjust the saturation of the entire image.
- **Gamma** is the level of brightness and contrast of the midtone values. The **Gamma** filter is used to correct gamma. It can greatly increase or decrease the brightness and contrast of your video.
- **Color balance** - the filter that can adjust the overall mixture of colors in your video.
- **Denoise** - the filter detects noise in the video and removes it from the picture. It greatly increases the overall quality of video. Another important function of this filter is removing noises that may appear after applying some video filters. For instance, the **Brightness** filter helps removing dark areas but may cause some noise (especially with its settings close to maximum). The **Denoise** filter solves this problem by removing any noise. For this reason, we recommend putting the **Denoise** filter at the bottom of the list of filters.
- **Deblocking** - the filter removes the block-like artifacts from low-quality, highly compressed videos or videos that were decompressed or ripped from DVDs. It greatly increases the overall quality of video.
- **Mosaic** - the effect changes every video frame so that it consists of equal square blocks of specified size. The color of each block represents the average color for the pixels in that block.
- **Add noise** - this effect applies random pixels to the video creating the effect of low-quality shooting or of an old movie.
- **Posterize** - the effect lets you adjust the level of brightness of video. It creates an interesting special effect of large flat areas.
- **Diffuse** - the effect makes video look less focused. It moves pixels randomly according to the specified settings.
- **Grayscale** - the effect converts an original image to a grayscale (black and white) one. It is an interesting effect to simulate old movies (especially when combined with the **Add Noise** effect).
- **Invert** - the effect inverts colors of video making it look like a negative tape.
- **Sepia** - the filter transforms the image spectrum to the brownish scale, giving romantic old time look to your video.



- **Old movie** - the filter adds grain and scratches to your video, making it look as if it is playing on an old projector.

Using **Movavi Screen Capture**, you can record everything that happens on your screen - video chats, games, video playback, working programs, and so on.

**Movavi Screen Capture** allows you to record a video clip right from your screen and save it to any popular video or mobile device format, or upload a captured video to a popular internet service.

There are three main modes in **Movavi Screen Capture** intended to record video from your screen:

- **Capture Screencast.** This mode is good for capturing and recording your actions on the screen. For example, creating video tutorial about usage of some program. You can record your voice as well as the mouse cursor actions on the screen. With this mode, you can select and capture any area on your screen.
- **Capture Online Video.** This mode is good for capturing and recording online video considering video properties and screen resolution.
- **Capture Game.** This mode is optimal for recording your game playing. The whole screen will be captured.

**Movavi Screen Capture** provides the following features:

- [\*\*Capturing Video\*\*](#). Capture any area on your screen: record a video clip or create a video tutorial!
- [\*\*Record Video Games\*\*](#). Capture your virtual adventures at a full screen!
- [\*\*Converting Video to a Popular File Format\*\*](#). Save captured video to a any popular video format.
- [\*\*Share Your Video\*\*](#). Upload your video clip to a popular Internet service.
- [\*\*Capture Audio\*\*](#). Capture the music from your favorite game or record voiceover while capturing video.

**Movavi Screen Capture** supports almost all popular video formats.

The list of supported formats is the following:

Video Formats	Supported codecs
<b>3GPP</b> (.3gpp, .3gp)	H.263, H.264, MPEG-4
<b>Audio Video Interleave</b> (.avi)	H.264, DV, XVID, DIVX, Uncompressed
<b>DVD - Digital Video Disc</b> (.vob, .ifo)	DVD-Video, DVD folder
<b>Flash</b> (.flv)	H.263, H.264
<b>Flash</b> (.swf)	H.263
<b>HD Video</b> (.mp4, .mpg, .m2ts, .wmv)	AVCHD, MPEG-2, MPEG-4, H.263, H.264, WMV HD, HD MOV Video
<b>HTML5</b>	WebM/VP8
<b>Matroska</b> (.mkv .mka .mks)	MPEG-4, H.264, MJPEG, DV, Uncompressed
<b>MPEG</b> (.mpg, .mpeg, .dat, .mod, .mod)	MPEG-1, MPEG-2
<b>MP4</b> (.mp4, .m4v)	H.263, H.264, MPEG-4
<b>QuickTime</b> (.mov, .qt, .m4v)	QuickTime Video, HD MOV Video
<b>WMV - Windows Media Video</b> (.wmv, .asf)	Windows Media Video 9, Windows Media Screen 9, Windows Media Video 9 Advanced Profile

**Movavi Screen Capture** supports almost all popular audio formats.

The list of supported formats is the following:

Audio Formats	Supported codecs
<b>AAC</b>	AAC
<b>FLAC</b> (.flac)	FLAC
<b>MP3</b> (.mp3)	MP3
<b>MP4</b> (.m4a, .m4b)	M4A, M4B, PCM
<b>Monkey's Audio</b> (.ape, .apl)	Monkey's Audio
<b>OGG</b> (.ogg)	Vorbis
<b>WAV</b> (.wav, .wv)	MP3, Uncompressed
<b>WMA</b> (.wma)	WMA 9, WMA 10 Pro, WMA Voice



This section provides information about **Movavi Screen Capture** Hardware Acceleration support.

*Please note*, at the first launching of the program, **Movavi Screen Capture** will automatically detect **NVIDIA CUDA** or/and **Intel HD Graphics** drivers and the warning window will appear notifying that these drivers must be up-to-date in order the program works correctly!

**TIP:** Please update **NVIDIA CUDA** or/and **Intel HD Graphics** drivers timely!



**Movavi Screen Capture** provides support of computers with **Intel®** multi-core processors. The latest **Intel®** technologies are used in **Intel® Core™ i3, i5, and i7** processors. The multi-core support accelerates the process of recording video by taking the full power of each core. The performance grows up to 400% for H.264 and MPEG-2 codecs.

**Supported Formats:** 3GP, 3GP2, AVI, FLV, M2TS, MKV, MP4 with H.264 codec; M2TS, MPEG with MPEG2 codec.

For details, refer to the [Video Acceleration](#) section.



**Movavi Screen Capture** is optimized for NVIDIA® CUDA™ providing the acceleration of recording video and processing media files on a CUDA-enabled graphics card GPU (Graphics Processing Unit) up to 5x. Supported Graphics Cards are GeForce, GeForce Mobile, Quadro, and Quadro Mobile. [Please find the full list of supported cards](#). Using this technology **Movavi Screen Capture** shifts the process from your computer's CPU to NVIDIA's GPU, so that CPU of your computer is fully available for use by other tasks.

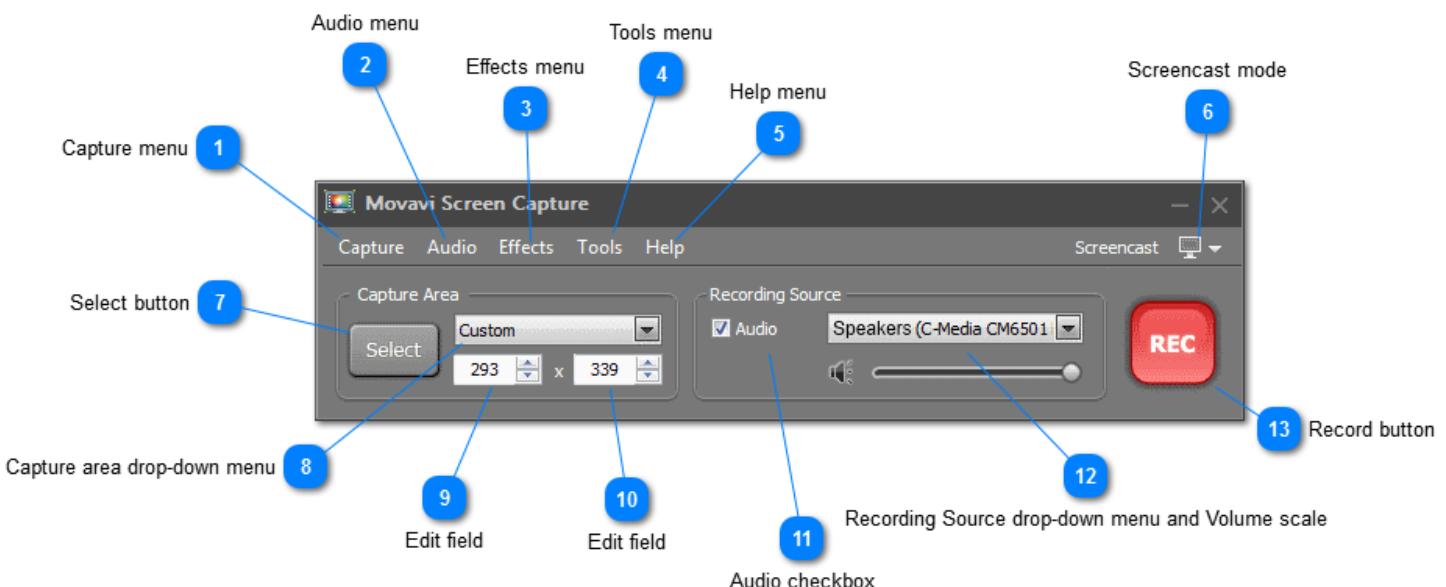
**Supported Formats:** 3GP, 3GP2, AVI, FLV, M2TS, MKV, MP4 with H.264 codec.

For details, refer to the [Video Acceleration](#) section.



**Movavi Screen Capture** consists of the following working parts.

## Main Window



### 1 Capture menu

#### Capture

This menu contains the options, which allows you to manage the capturing process and to set up the main program parameters.

### 2 Audio menu

#### Audio

This menu contains the options, which allows you to switch on audio recording and to specify audio settings.

### 3 Effects menu

#### Effects

This menu contains options, which allows you to enable/disable effects used during recording.

### 4 Tools menu

#### Tools

This menu contains the list of additional tools from **Movavi** for working with your video and audio files.

### 5 Help menu

#### Help

This menu contains the link to the Help manual and the information about your copy of the program.

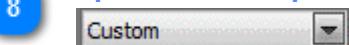
### 6 Screencast mode

#### Screen

This drop-down menu contains the capturing options: Capture Screencast, Capture Online Video and Capture Game.

**7 Select button**

Clicking on this button the capturing rectangle will appear and you will be able to select the area to record.

**8 Capture area drop-down menu**

Here you can select the resolution of the area you will record: the Fullscreen resolution corresponding to resolution of your screen, or specify a custom resolution depending on your needs.

**9 Edit field**

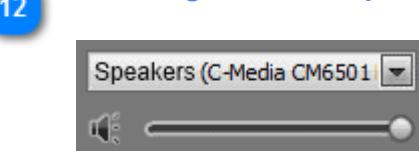
The width of the recording area.

**10 Edit field**

The height of the recording area.

**11 Audio checkbox**

Select this checkbox in case you want to record audio.

**12 Recording Source drop-down menu and Volume scale**

Select the audio source: StereoMix/Microphone/etc, and specify the volume of recorded audio. Note, that audio can be recorded from one source only (you cannot record audio from the microphone and dynamics simultaneously!)

**13 Record button**

Clicking on this button the recording process will start.

Whether you want a full screen to capture or a particular window or a screen area, **Movavi Screen Capture** does the job.

There are several ways to select an area to capture:

- In the **Capture Area**, choose one of the ready-made area presets from the list: *Fullscreen*, *Widescreen*, *Standard*, etc., and drag the rectangle using your mouse.
- Define the area parameters manually by entering width/height parameters below the list.
- Simply change the area borders - the red rectangle - using your mouse.
- Click the **Select** button and move your mouse cursor over the area you would like to capture, so it will be automatically detected and selected.
- In the **Capture** menu, click **Select an area to capture**, and specify an area on the screen using your mouse.



Working with **Movavi Screen Capture**, you can configure the program general settings (such as interface language or hot keys) as well as set up video capture and audio capture parameters.

These parameters can be configured in the **Preference** window, which can be found in two ways:

**Movavi Screen Capture main window > Menu bar > Capture tab > Options.**

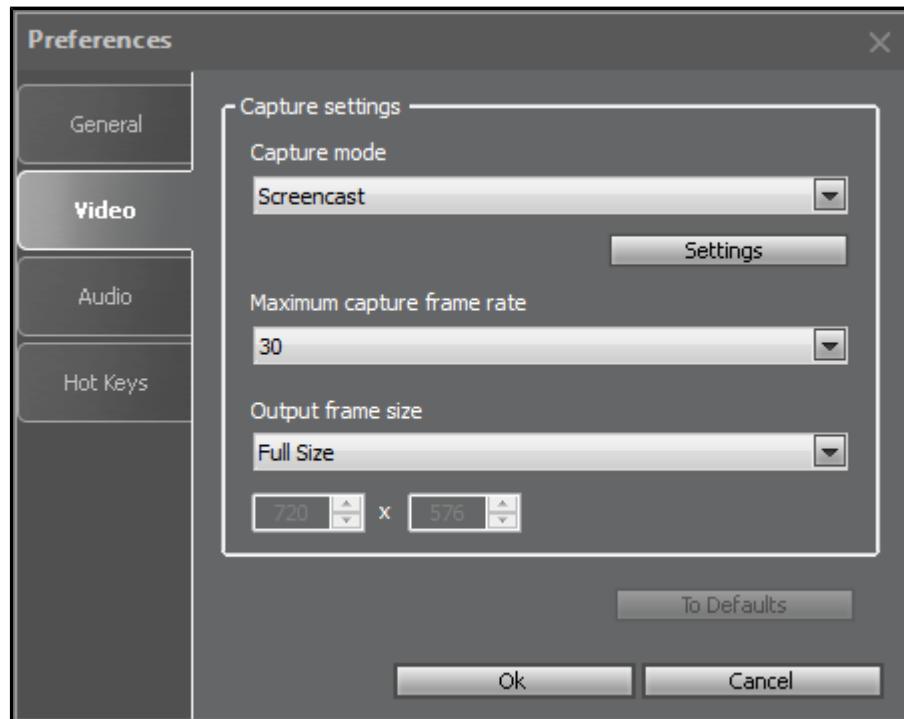
**Movavi Screen Capture main window > Menu bar > Audio tab > Options.**

In **Movavi Screen Capture** you can set up important video capturing parameters depending on your needs and capabilities of your system. For example, it is possible to change the resolution of the output video file or set up the value of the frame rate during video capturing.

**Note:** Depending on the capturing mode, parameters are predefined. We do not recommend you to change them if you do not know the capabilities of your system.

In case you want to configure video capture parameters, follow the steps:

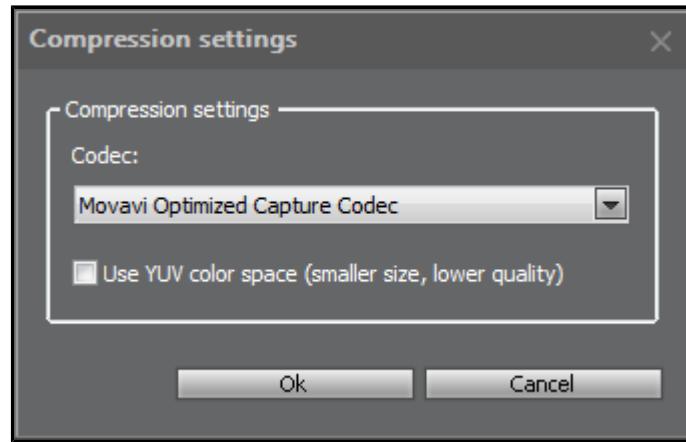
1. In **Movavi Screen Capture** main window, click the **Capture** tab (or the **Audio** tab).
2. Click **Options**. The **Preferences** window will open.
3. In the **Preference** window, open the **Video** tab:



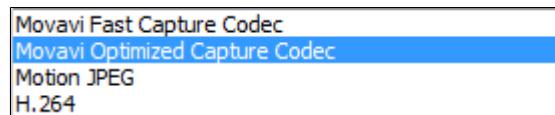
The **Video** tab contains the following **Capture settings** that can be configured:

**Capture mode** - From the drop-down list select the capturing mode depending on your needs: **Screencast**, **Online Video**, **Game**. Every mode includes predefined capturing parameters such as **Maximum capture frame rate** and used codec type, but you can change them if needed.

By clicking on the **Settings** button, the **Compression settings** window will be opened:



Here you can find the list of codecs. Depending on the **Capture mode** you've selected, the default codec is specified.



- **Movavi Fast Capture Codec** - This codec is suitable for game capturing and capturing of dynamic video. It is characterized by a high capturing speed, but the quality of the video will be average. By default, this codec is selected in the **Game Capturing** mode.
- **Movavi Optimized Capture Codec** - This codec is optimal for screencasting (for example, for creating video tutorials, and the like). It is characterized by the excellent quality of video, but the capturing speed is not that high. By default, this codec is selected in the **Screencast** mode.

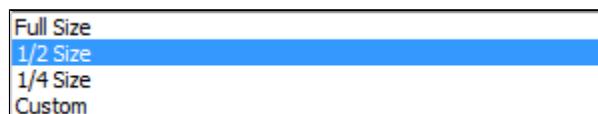
**Note:** As the quality of captured video is high, the output file will be of big size. So you are allowed to decrease the size of the output file if needed. Just select the **Use YUV color space (smaller size, lower quality)** checkbox and click **Ok**.

- **Motion JPEG** - This codec is chosen by default in the **Capture Online Video** mode. It is characterized by the average quality and speed parameters, which are sufficient for capturing online video.
- **H.264** - If the **Intel® Core™** processor (hardware) is detected on your computer, this codec will be chosen by default in the **Game Capturing** mode. This codec is good for a fast capturing of dynamic videos and games upon the condition that you have a powerful system.

**Maximum capture frame rate** (15, 25, 30, 50, 60) - This parameter defines the value of the frame rate. By default, the value is **30**. Usually it is enough for a comfortable and qualitative video. But if you have a high-performance system, you can set up a higher value.

**Output frame size** (*Full Size, 1/2 Size, 1/4 Size, Custom*) - This parameter specifies resolution of an output file relatively to the resolution of the original capturing area size. It means that when you capture the full screen video, the output file will be of a big resolution (the same as the captured area has).

There are some cases when it is not necessary to get video with such a big resolution. For example, if a video file is intended for publishing on some website where the big resolution, size and quality is not required, so **Movavi Screen Capture** allows you to decrease the resolution of the output video by selecting respective option from the drop-down list:



- **Full Size** - The resolution of the output file will be equal to the resolution of the capturing area size.
- **1/2 Size** - Resolution of the output file will be reduced by a half,
- **1/4 Size** - Resolution of the output file will be reduced by a quarter,
- **Custom** - Specify your resolution values for the output file.

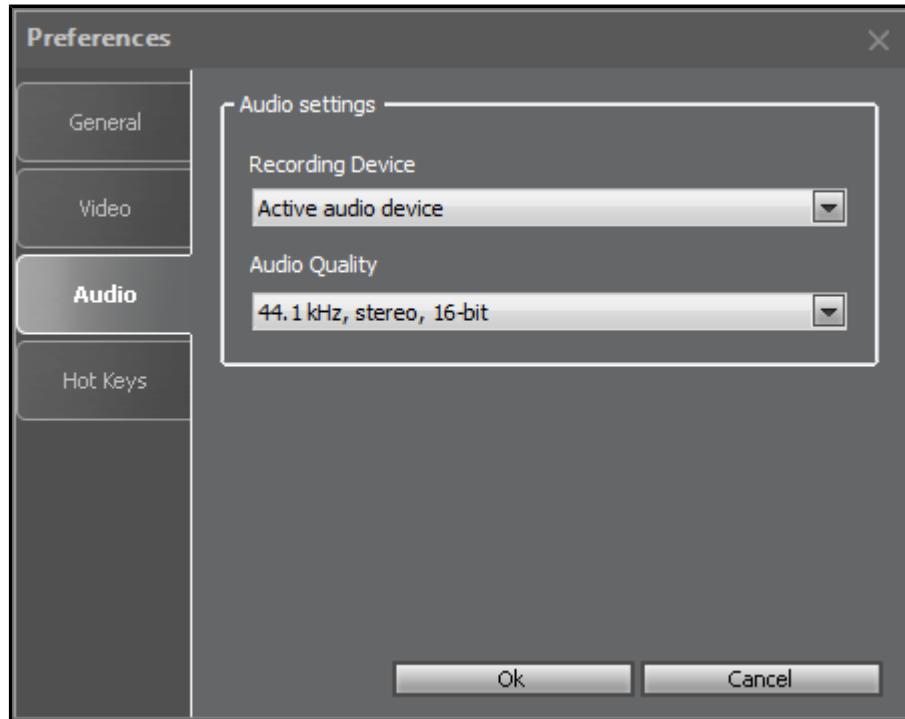
**4.** After you have specified required parameters, click **Ok**.

If you want to return predefined parameters, click the **To defaults** button.

To record audio using **Movavi Screen Capture**, you can select the audio recording device from the drop-down list (if several devices are connected to your computer) and select the quality of the recorded audio.

To do it, follow the steps:

1. In **Movavi Screen Capture** main window, click the **Capture** tab (or the **Audio** tab).
2. Click **Options**. The **Preferences** window will open.
3. In the **Preference** window, open the **Audio** tab. The **Audio settings** area will appear:

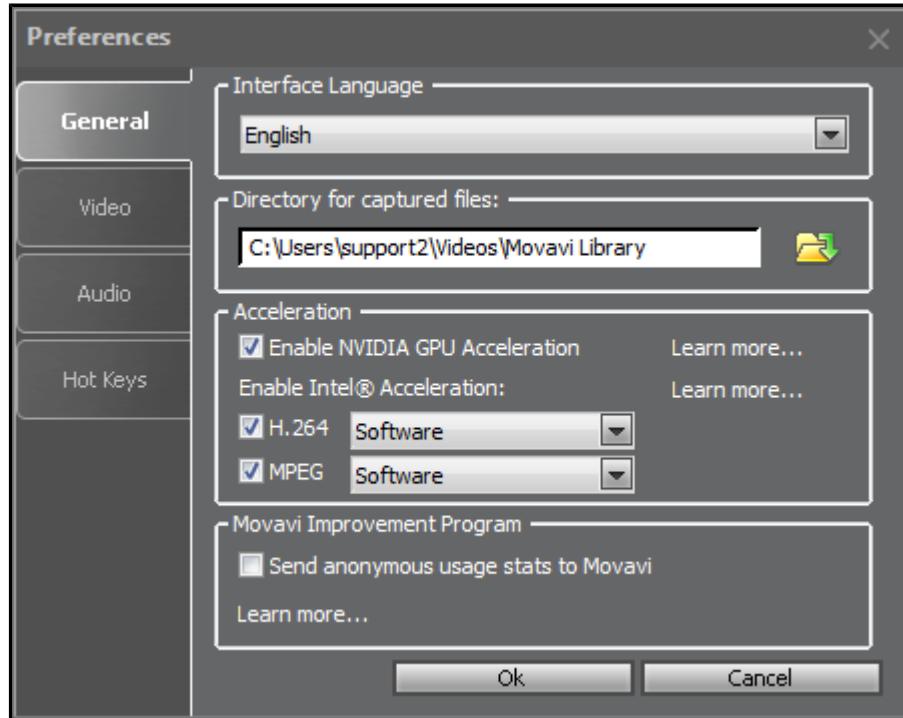


- **Recording Device** - Select the device to capture audio from.
- **Audio Quality** - Select the quality for the recorded audio. The list of options depends on the audio devices connected to your computer.

4. Click **Ok**.

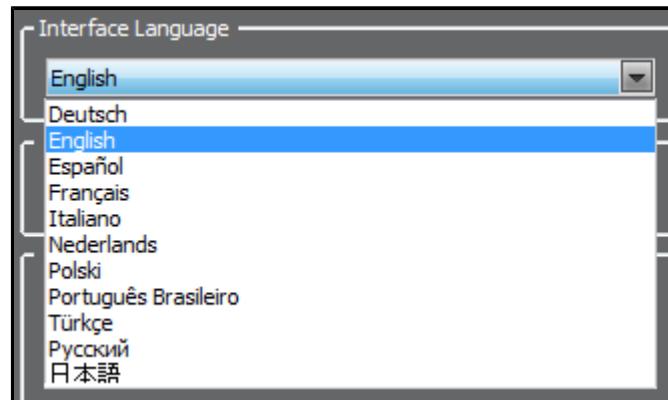
Follow these steps to select the interface language for **Movavi Screen Capture**:

1. On the main program window, click **Capture** (or **Audio**) and select **Options**. The **Preferences** window will open:



2. In the **General** area, find the **Interface Language** area.

3. Select the desired language from the drop-down list:



4. Click **Ok**.

You can determine the folder on your computer where the captured video files will be saved.

To do it, follow the steps:

1. In the Menu bar of the main **Movavi Screen Capture** window, click the **Capture (or Audio)** tab.
2. Select **Options**. The **Preferences** window will open.

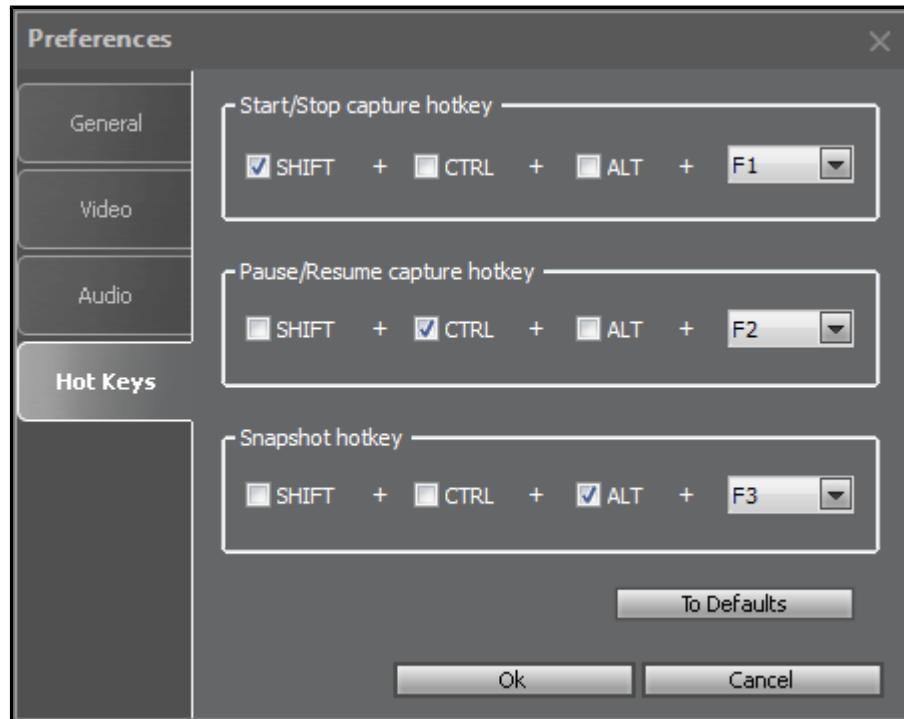
3. In the **Directory for captured files** area, click  and select the destination folder:



4. Click **Ok** twice.

For a comfortable using of **Movavi Screen Capture**, you can specify the Hot Keys, which will allow you to easily manage the capturing process.

1. In **Movavi Screen Capture** main window, click the **Capture** tab (or the **Audio** tab).
2. Click **Options**. The **Preferences** window will open.
3. In the **Preference** window, open the **Hot keys** tab. The following window will appear:

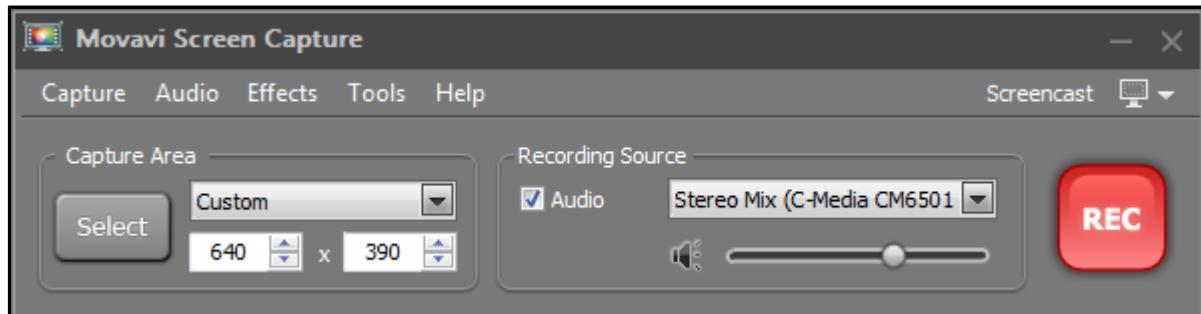


4. Specify available Hot Keys.
5. Click **Ok**.

If you want to return predefined parameters, click the **To defaults** button.

To capture and record video on your screen, perform the following steps:

1. Launch **Movavi Screen Capture**.
2. In the **Screencast** drop-down menu at the left upper corner of the program window, select the suitable mode: **Capture Screencast**, **Capture Online Video** or **Capture Game**.
3. In the **Capture Area**, click the **Select** button:

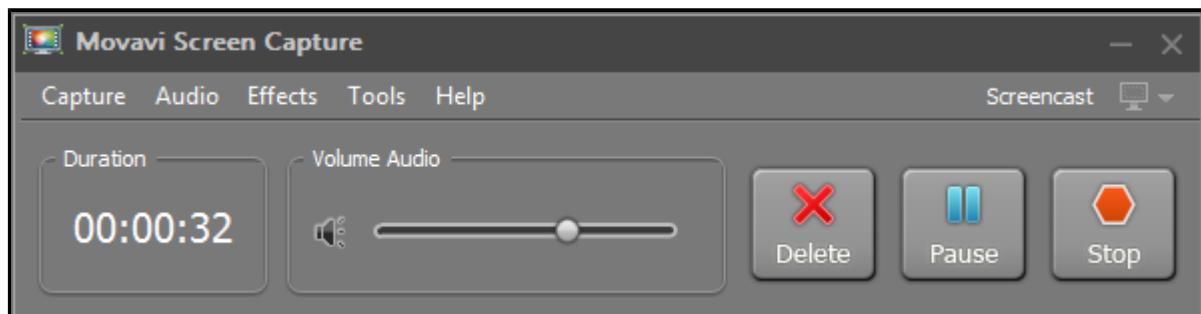


The capturing rectangle will appear on the screen.

**Note:** If you want to record a game, select the **Capture Game** option and launch the game. In that case the **Select** button will be inactive and the full screen will be recorded.

4. If you have chosen the **Capture Screencast** or **Capture Online Video** option, select the area on your screen to record using the capturing rectangle.
- If you have selected some small area on your screen (for example, the screen of an online video player), the **Custom** screen resolution parameters will be specified automatically in the **Capture Area** of the program window.
5. If you want audio to be recorded, select the **Audio** checkbox and choose the recording source from the drop-down menu.
6. Click **REC**.

The recording process will start and the following window will appear on the screen:



Here you can see the duration of the recorded clip, set up the volume level, delete, pause or stop recording.

**Note:** If you record the whole screen, after clicking the **REC** button, **Movavi Screen Capture** minimizes to the notification area of the taskbar. You can operate the process using the [Hot Keys](#).

After clicking the **Stop** button, the following window will be opened:



Now you can save the recorded file to one of the available file formats.

7. Select required file format from the drop-down list. Click the **Convert** button.



**Note:** This button exists in case you have **Movavi Video Editor** installed on your computer.

By clicking on this button, **Movavi Video Editor** main window will be opened. Recorded video file will be automatically added to the program and you will be able to edit just recorded video there, for example, apply beautiful effects, add titles or soundtrack, cut or rotate the clip, and so on.

If you do not have **Movavi Video Editor** installed, we recommend you to download the trial version of the program from [Movavi website](#) in order to try all its capabilities for editing your video.



By clicking on this button, the **Movavi Share Online** application window will be opened. Using this application, you can upload converted video right from **Movavi Screen Capture** to **YouTube**, **Facebook**, **Vimeo**, **S3** or **FTP**. Find the instructions in the [Sharing Captured Video Online](#) section.

If you want to record your game using **Movavi Screen Capture**, follow these steps:

1. Launch **Movavi Screen Capture**.
2. In the **Screencast** drop-down menu at the left upper corner of the program window, select the **Capture Game** mode.
3. In the **Output Frame Size** area, select the resolution of the output video file. Find the detailed description of this parameter in the [Configuring Video Settings](#) section.
4. In the **Recording Source** section, select the **Audio** checkbox if you want to record audio. Select the source of audio from the drop-down list.



3. In the main **Movavi Screen Capture** window, click .

After clicking the **REC** button, **Movavi Screen Capture** minimizes to the notification area of the taskbar. Later you can operate the process using the [Hot Keys](#).

4. Launch a game and press **F10** to start recording.

Note, that the recording process starts after pressing the **F10** button on your keyboard. It means that you can record any fragment of your game, not necessarily from the beginning of the game.

5. Press **F10** to stop recording.

To pause or resume recording, use **F9** key.

Using **Movavi Screen Capture**, you can create a snapshot of any area on your screen.

To do it, follow the steps:

1. Launch **Movavi Screen Capture**. The main program window and the capturing rectangle will appear.
2. Using the capturing rectangle, specify the area on the screen you want to snapshot.
3. In the **Capture** menu of the main **Movavi Screen Capture** window, click **Take a snapshot**.  
After that the **Save Frame** window will open.
3. Select the desired file format from the drop-down menu.
4. Specify the folder to save your image file to.



With **Movavi Share Online** application you can upload captured video right from **Movavi Screen Capture** to **YouTube, Facebook, Vimeo, S3 or FTP**.

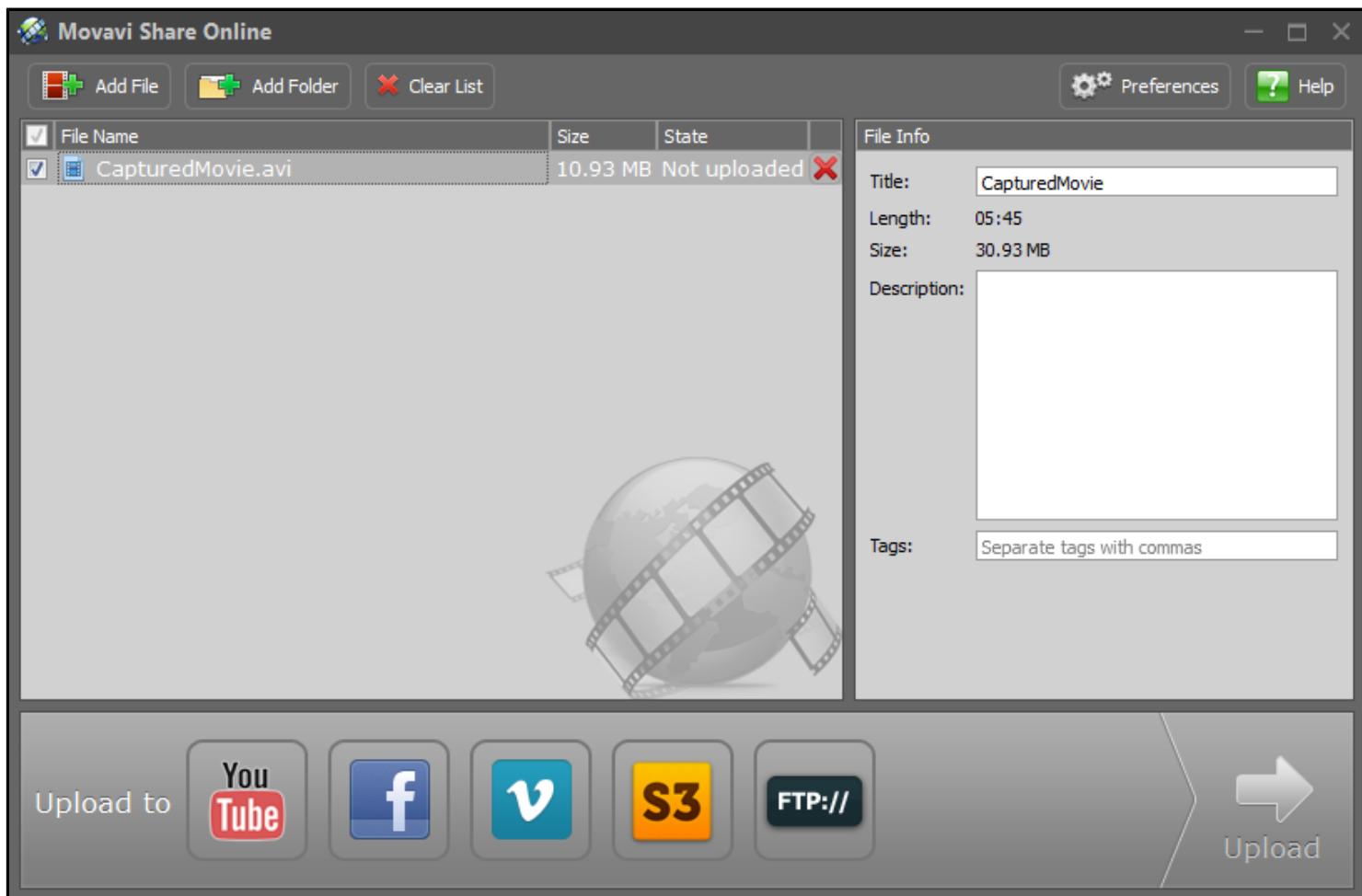
After clicking the **Share** button in the **Movavi Screen Capture** window right after capturing video, the **Movavi Share Online** application window will open and the captured video file will be added to the list of files automatically.

## YouTube

To upload captured video right from **Movavi Screen Capture** to **YouTube**, follow these instructions:

**Note:** In order to upload video to **YouTube**, you should be logged in YouTube and should have your personal channel there.

1. In **Movavi Share Online** application window, highlight the file name by clicking on it:

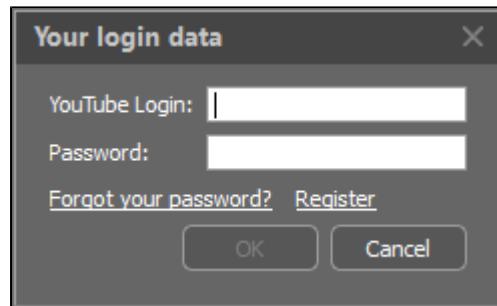


Or you can add a file you have captured earlier and saved it to your computer by clicking on the **Add File** button.

2. In the **File Info** area enter a title and description of the video.



3. Click 
4. Enter your YouTube login data:



5. Click **OK**, and then **Upload**.

**Note:** **Movavi Screen Capture** allows you to upload video not larger than 100MB.

## Facebook

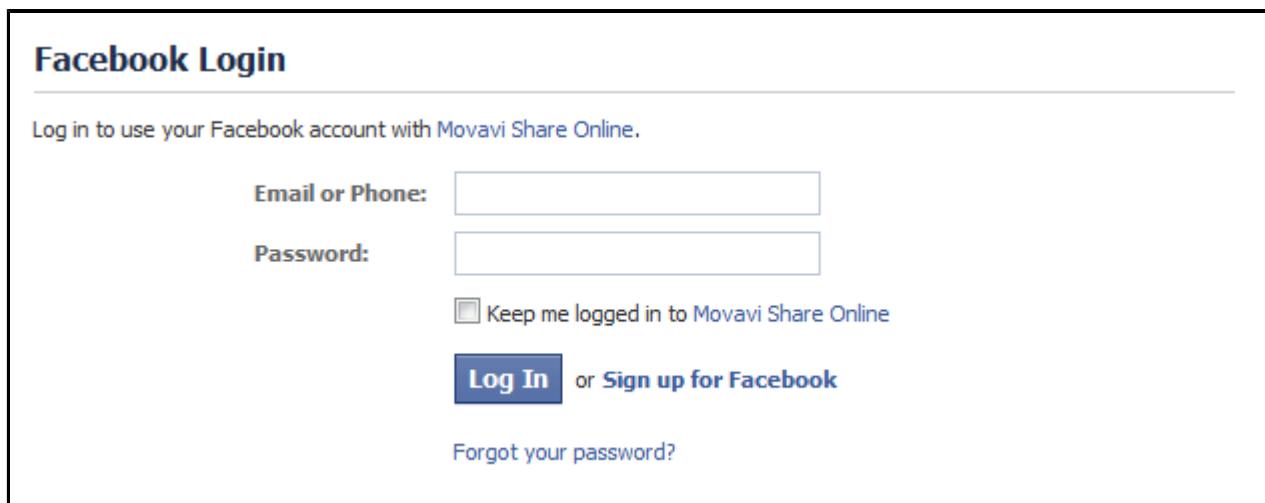
To upload captured video right from **Movavi Screen Capture** to **Facebook**, follow these instructions:

**Note:** In order to upload video to **Facebook**, you have to be registered at **Facebook**.

1. In **Movavi Share Online** application window, highlight the file name by clicking on it.  
Or you can add a file you have captured earlier and saved it to your computer by clicking on the **Add File** button.
2. In the **File Info** area enter a title and description of the video.



3. Click . The Facebook authentication window will open.
4. Log in to your Facebook account:

A screenshot of the Facebook Login page. The page has a blue header with the text "Facebook Login". Below the header, there is a sub-header: "Log in to use your Facebook account with Movavi Share Online." There are two input fields: "Email or Phone:" and "Password:", each with a corresponding text input box. Below these fields is a checkbox labeled "Keep me logged in to Movavi Share Online". At the bottom of the form is a blue "Log In" button and a link "or Sign up for Facebook". Below the "Log In" button is a link "Forgot your password?".

5. Click **OK**, and then **Upload**.

**Note:** **Facebook** service has a limitation on video duration. You can upload video not longer than 20 minutes.

## Vimeo

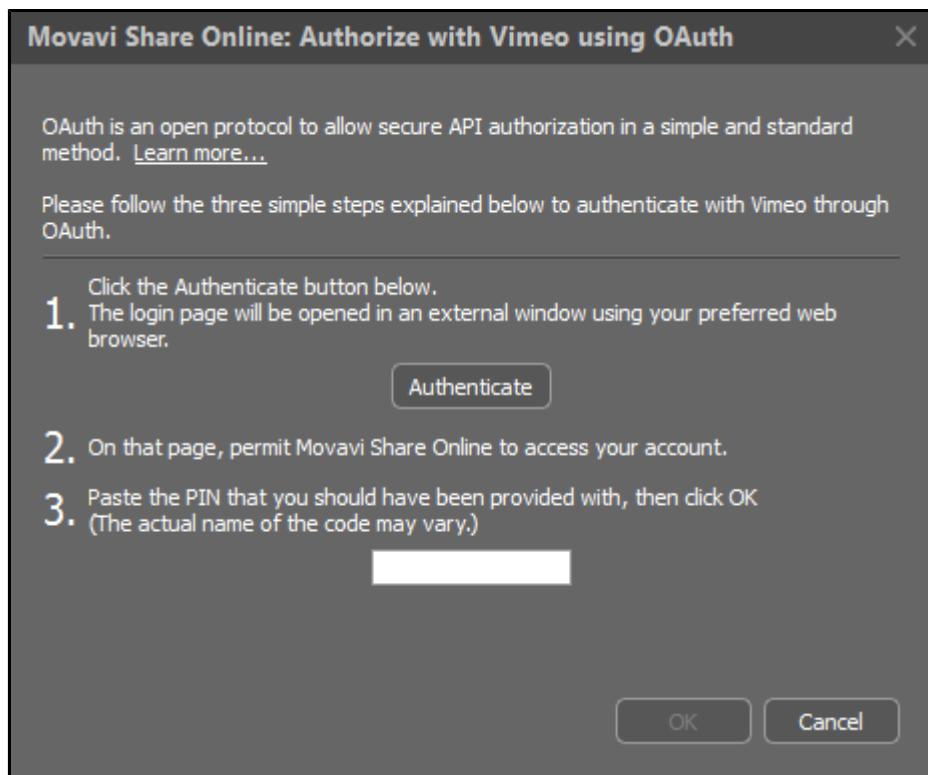
To upload captured video right from **Movavi Screen Capture** to **Vimeo**, follow these instructions:

**Note:** In order to upload video to **Vimeo**, you have to create an account on **Vimeo** website.

1. In **Movavi Share Online** application window, highlight the file name by clicking on it.  
Or you can add a file you have captured earlier and saved it to your computer by clicking on the **Add File** button.
2. In the **File Info** area enter a title and description of the video.



3. Click . The following authentication window will open:



4. Authenticate with **Vimeo** following three simple steps provided in this window.

5. Click **OK**, and then **Upload**.

## Amazon S3

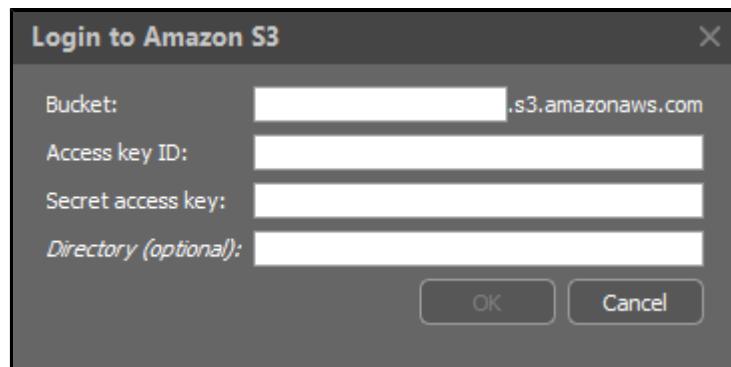
If you have an account on Amazon S3, you can use it to store your videos. Movavi Share Online service allows you to upload your videos to Amazon S3 right after capturing in Movavi Screen Capture.

To upload captured video right from **Movavi Screen Capture** to Amazon S3, follow these instructions:

1. In **Movavi Share Online** application window, highlight the file name by clicking on it.  
Or you can add a file you have captured earlier and saved it to your computer by clicking on the **Add File** button.
2. In the **File Info** area enter a title and description of the video.



3. Click . The Amazon S3 login window will open:



4. Log in to your Amazon S3 account.
5. Click **OK**, and then **Upload**.

## FTP

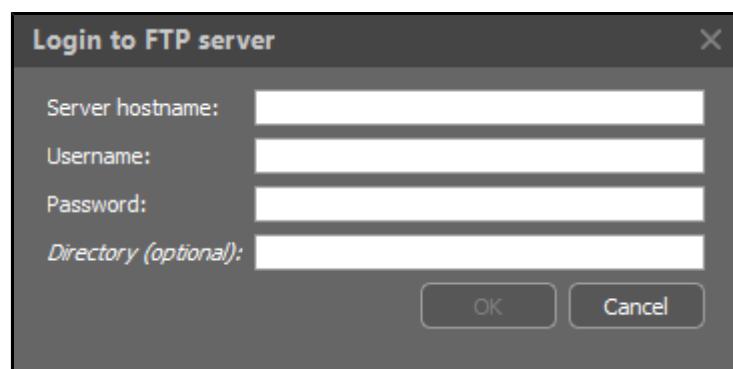
**Movavi Share Online** service allows you to upload your videos to FTP server.

To upload captured video right from **Movavi Screen Capture** to FTP server, follow these instructions:

1. In **Movavi Share Online** application window, highlight the file name by clicking on it.  
Or you can add a file you have captured earlier and saved it to your computer by clicking on the **Add File** button.
2. In the **File Info** area enter a title and description of the video.



3. Click . The login window will open:



4. Enter your login data.
5. Click **OK**, and then **Upload**.

The cursor might be a nuisance or play an important role in your screen captures. Depending on the task, you can either hide the cursor while capturing or, vice versa, highlight it by applying a special effect.

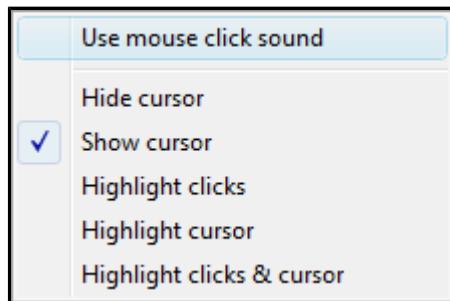
To hide a cursor, follow the steps:

1. In the **Movavi Screen Capture** window, open the **Effects** tab.
2. Select the **Hide cursor** option.

To show cursor on your video, follow the steps:

1. In the **Movavi Screen Capture** window, open the **Effects** tab.
2. Select the **Show cursor** option.

In the same way you can apply the following available effects:



**Movavi Screen Capture** provides hardware acceleration support by using the **NVIDIA CUDA** and **Intel HD Graphics** technologies.

## I. Support of Intel Media Technologies

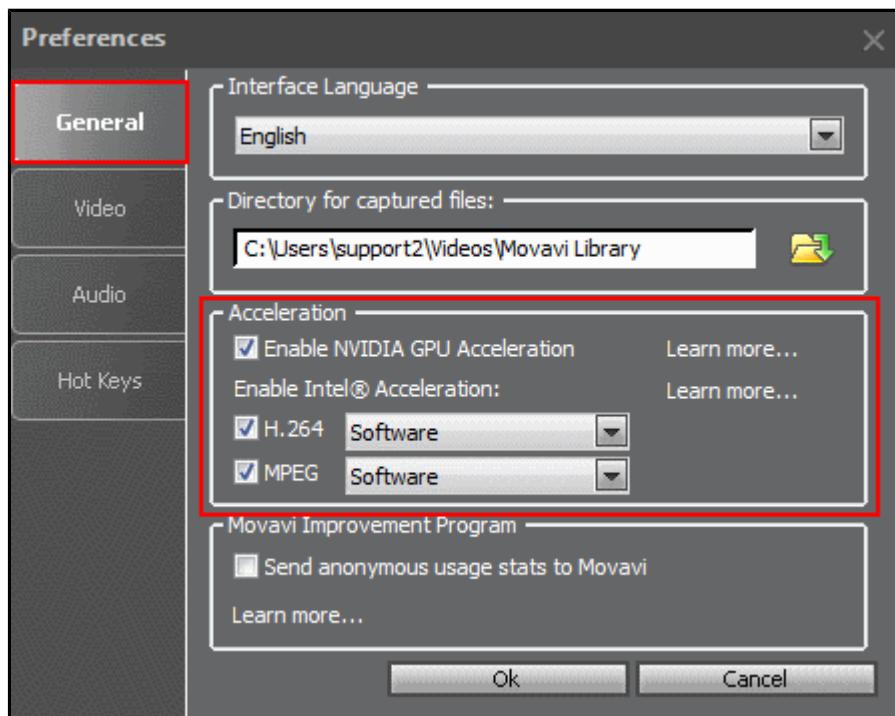
Using **Intel HD Graphics** provides you more efficient parallel task processing on multi-core processors. This also allows you to speed up video recording up to 10 times. **Intel HD Graphics** support accelerates processing of video on Intel Core i3, Intel Core i5 and Intel Core i7 processors.

## II. Support of NVIDIA® CUDA™

Using of **NVIDIA® CUDA™** provides video decoding/encoding acceleration on a CUDA-enabled graphics card GPU (Graphics Processing Unit) up to 5x. As **Movavi Screen Capture** shifts video processing from your computer's CPU to NVIDIA's GPU, your computer's CPU will be fully available for use by other tasks.

For information on supported file formats and codecs refer to the [Hardware Acceleration Support](#) section.

To enable **CPU or GPU Acceleration** support in **Movavi Screen Capture**, in the main program window go to **Capture > Options**. The **Preferences** window will open:



In the **General** tab there is the **Acceleration** area:

**Enable NVIDIA GPU Acceleration** - If there is **NVIDIA CUDA graphics** card on your computer, select this checkbox to accelerate processing of files in **Movavi Screen Capture**.

**Enable Intel® Acceleration** - This option is supported for the following file formats: **H.264** and **MPEG**. If you convert the files with such formats, select corresponding checkboxes to accelerate processing of such files in **Movavi Screen Capture**.

*Please note, if there is **Intel®** hardware is installed on your computer, it will automatically be detected by **Movavi Screen Capture** so that **H.264** and **MPEG** checkboxes will be selected by default and the **Hardware** option will be chosen in the drop-down menu by default. If you are not going to work with **H.264** and **MPEG** files, it is recommended to clear these checkboxes!*



This section contains advices on how to solve popular problems possible in **Movavi Screen Capture**.

Some media players run video using overlay surfaces, so that it can not be captured by **Movavi Screen Capture**. You can disable playing through overlay surfaces in the following way:

**For Windows Media Player:**

1. Select **Tools > Options** from the player main menu.
2. Open the **Performance** tab.
3. Click the **Advanced** button.
4. Clear the **Use overlays** checkbox in the **Video Acceleration** area.
5. Click **OK**.

**For Media Player Classic:**

1. Select **View > Options** from the player main menu.
2. In the pane on the left, click **Playback > Output**.
3. If the **Overlay Mixer** renderer is selected in the **DirectShow Video** area, select another renderer.
4. Click **OK**.



## Benefits

Upon purchasing and activating **Movavi Video Suite**, you are entitled to:

- Fully functional unrestricted copy of the program,
- Free minor updates.

## Licensing Terms

**Movavi** products are licensed on per computer basis, not per user, site or company. For example, if a person uses 2 computers, he or she has to purchase 2 licenses of the product to install and use it on every computer.

Once you've purchased a license of **Movavi Video Suite** and received your activation key, you need to activate your copy of the program.



There are 2 ways to activate **Movavi** software:

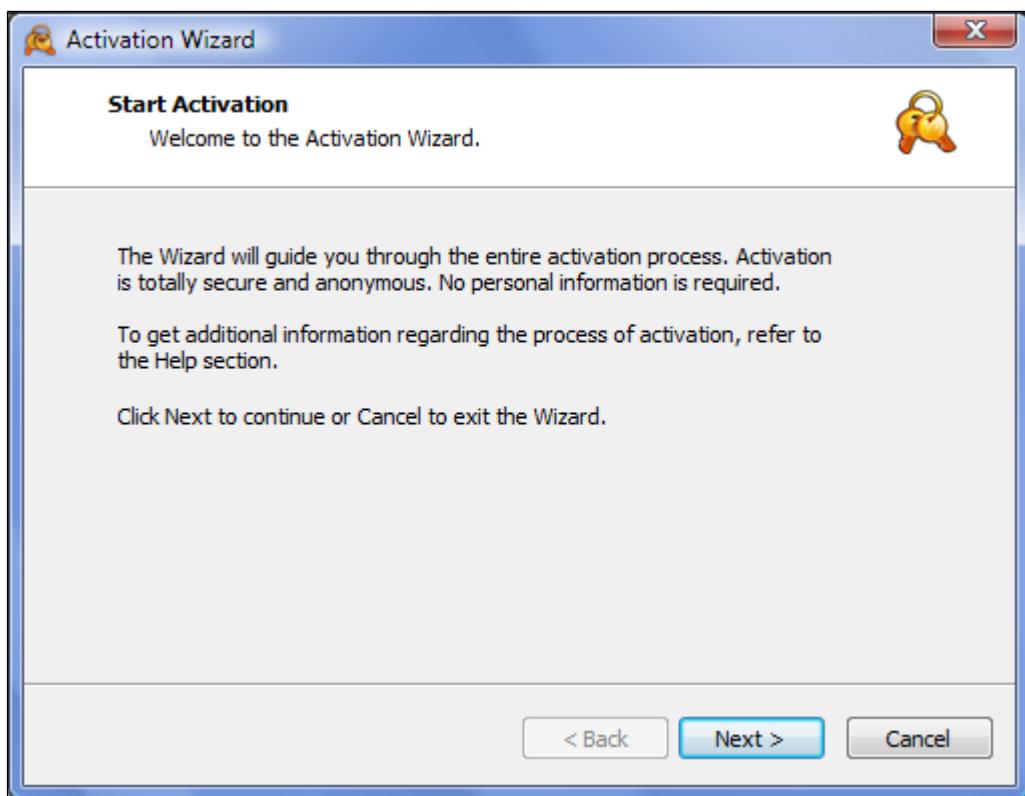
- [\*\*Automatic \(Online\) Activation\*\*](#) — the fastest and the easiest way to activate the program. It is recommended that a computer on which you install **Movavi** program is connected to the Internet.
- [\*\*Manual \(Offline\) Activation\*\*](#) - it is recommended when the computer on which you install **Movavi** program cannot be connected to the Internet, or when the online activation fails.

**Automatic (Online) Activation** is a fast and easy way of activation the program. It is recommended a computer on which you install **Movavi** software should be connected to the Internet.

To carry out the activation process, follow these steps.

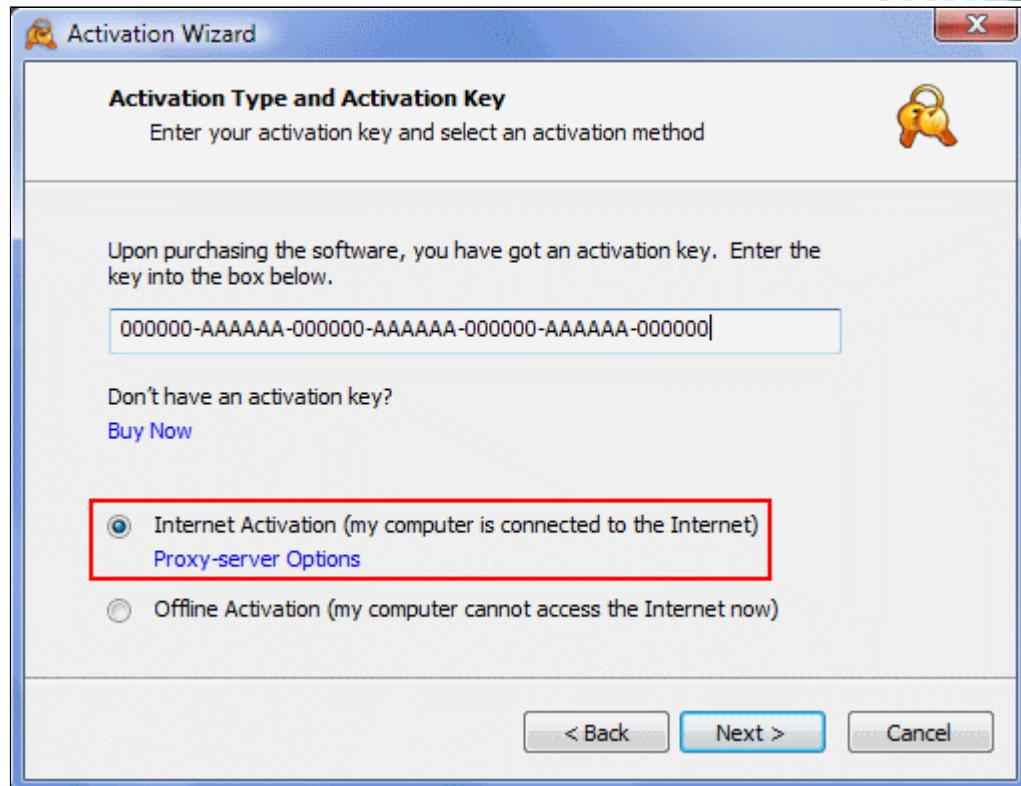
#### Step 1.

- Launch **Movavi** software.
- In the Menu bar, select **Help > Activate Software...**
- When the Activation Wizard is launched, click **Next** to continue.



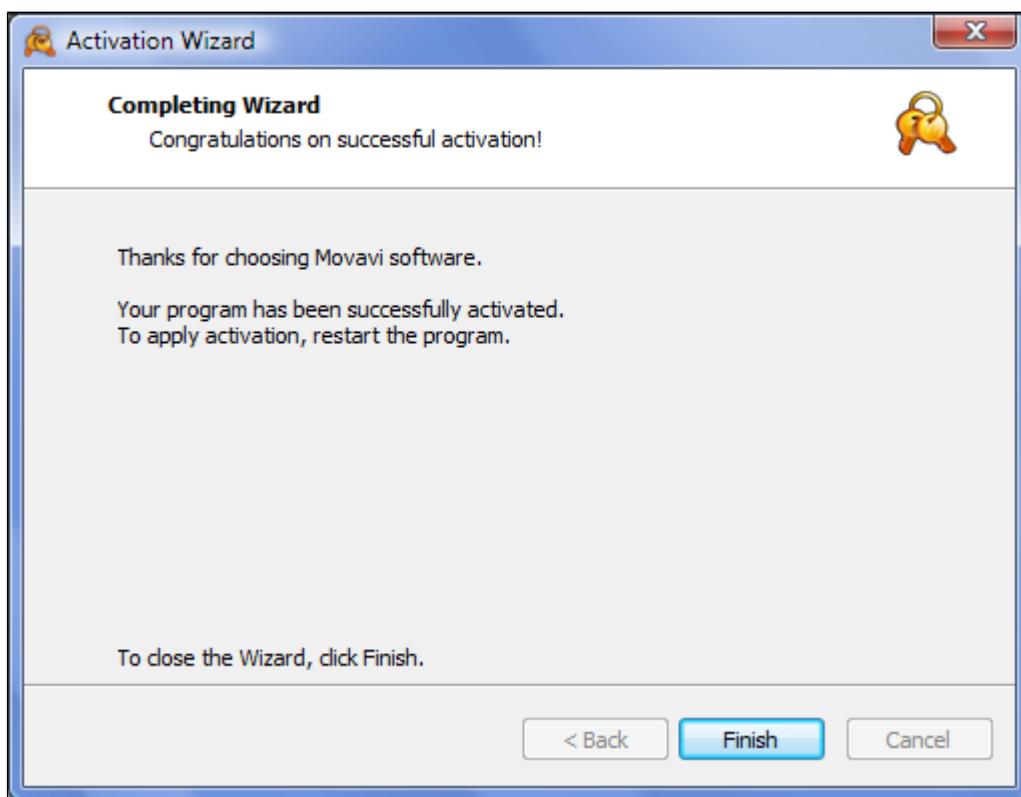
#### Step 2.

- Enter the activation key you received upon purchasing **Movavi** program into the corresponding box of the Activation Wizard dialog window.
- Select **Internet Activation**.
- Click **Next** to activate the program.



### Step 3.

- Upon completion of activation, you will get a message about successful activation of **Movavi** program.
- Click **Finish** to close the Activation Wizard.



If the online activation fails, try the following:



- Ensure you have administrator rights on your computer.
- If the online activation keeps failing, switch off the firewall on your computer.

If the online activation keeps failing anyway, try the [Manual \(Offline\) Activation](#).

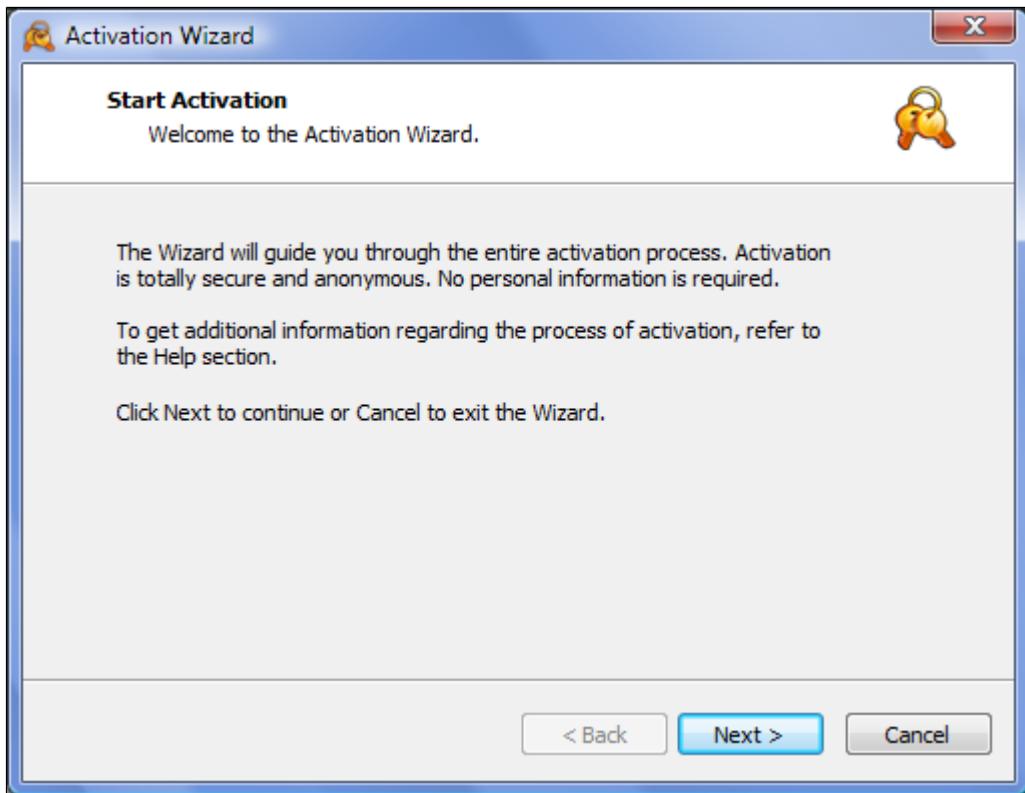
If you have any questions or problems with activation of **Movavi** software, do not hesitate to contact our technical support team at [support@movavi.com](mailto:support@movavi.com)

**Manual (Offline) Activation** is recommended that a computer on which you install **Movavi** software cannot be connected to the Internet, or when the online activation fails.

As long as the manual activation requires you to send and receive e-mails, you can complete this part of the activation process using any other computers that can be connected to the Internet.

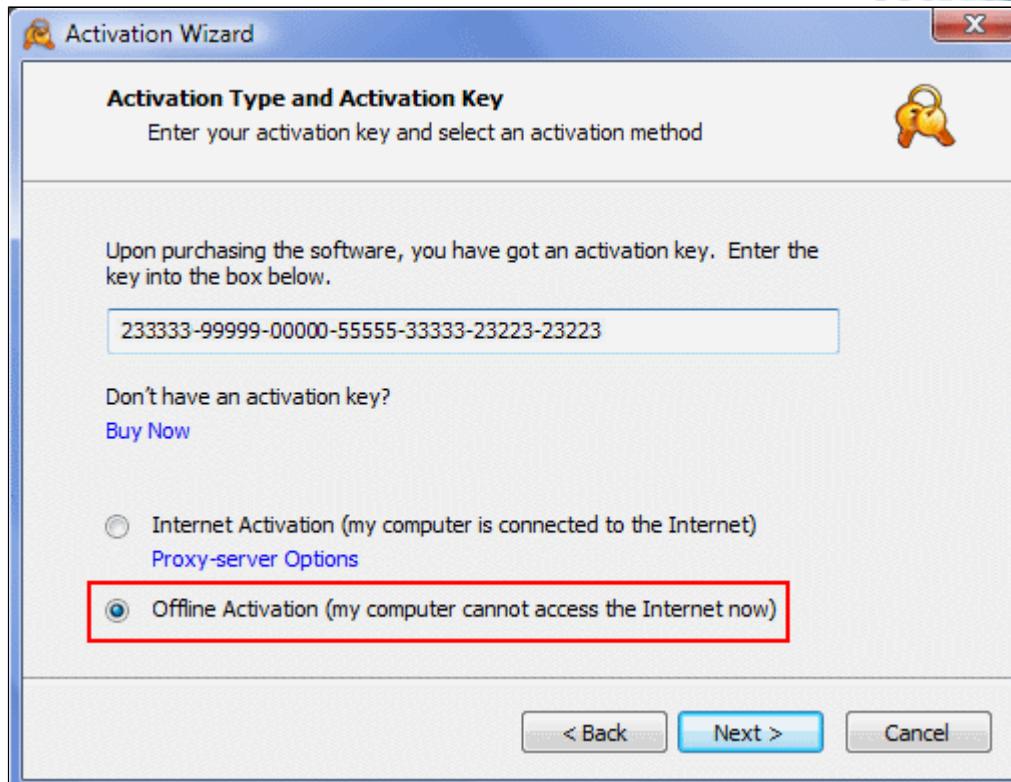
### Step 1.

- Launch **Movavi** program.
- In the Menu bar, select **Help > Activate Software...**
- When the Activation Wizard is launched, click **Next** to continue.



### Step 2.

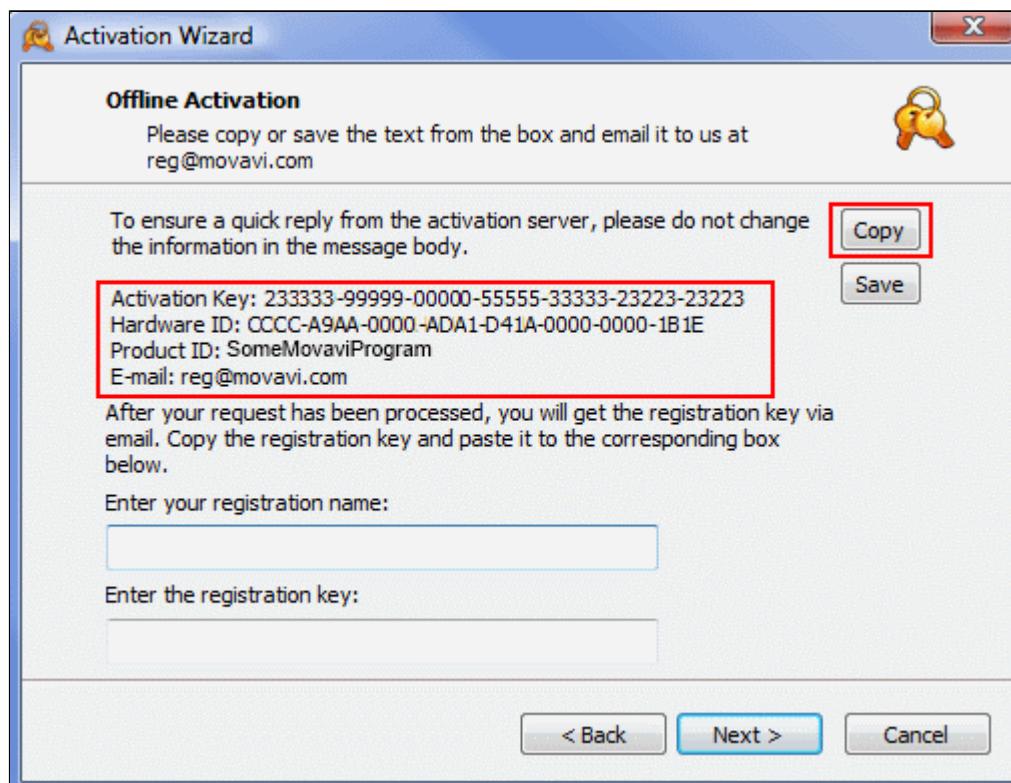
- Enter the activation key you received upon purchasing **Movavi** program into the corresponding box of the Activation Wizard dialog window.
- Select **Offline Activation**.
- Click **Next** to proceed to the next window of the Activation Wizard.
-



### Step 3.

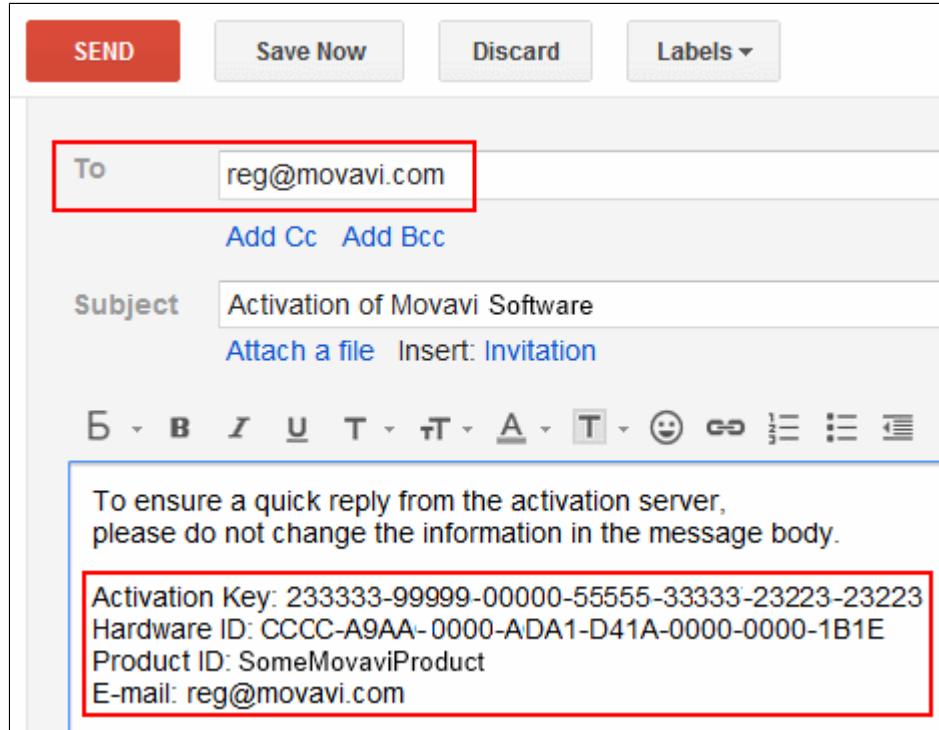
To complete this step, you will need to send an e-mail to us containing required information. Having done this, you will receive an e-mail from **Movavi** with your registration key allowing you to complete the registration process.

Note that you can complete this step using any computer connected to the Internet (not necessarily the computer on which you install **Movavi** software).



- Using your mouse select the required information (Activation key, Hardware ID, and Product ID) on the Activation Wizard.
- Right-click the mouse and select **Copy**. Or click on the **Copy** button.
- Paste the information to your e-mail body and send it to [reg@movavi.com](mailto:reg@movavi.com).

To ensure a quick reply from the activation server, please do not alter the information in the message body or subject field.



After your information has been processed, you will get an e-mail with your registration key. This may take up to 1 hour.

#### Step 4.

- Copy the registration key from the e-mail and insert it into the corresponding box of the Activation Wizard dialog window.
- Enter your registration name into the corresponding box.
- Click **Next** to submit the information.

#### Step 5.

Upon completion of the activation process, you will be notified about the successful activation of **Movavi** program. Click **Finish** to close the Activation Wizard.

If you have any questions or problems when activating **Movavi** software, do not hesitate to contact our technical support team at [support@movavi.com](mailto:support@movavi.com)



We provide technical support and assistance for you in case you have any problems with our software, any questions or suggestions. Please be as complete as possible in your request. The better you describe the problem the sooner we will be able to solve it.

Before contacting our support team please review our [FAQ](#). Possibly your question is answered on these pages.

We guarantee :

- Free technical support by email [support@movavi.com](mailto:support@movavi.com)
- Response time - 3 business days.
- Patches, fixes, extended help and other related information.



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